

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 97, Calumet City, IL 60409

A NEW LOOK...You may have noticed the new VHF-UHF DIGEST cover style, as well as a change in this FROM THE STAFF page. We're making the change to celebrate the tenth anniversary of the first offset printed VUD issue. For a look at what the cover of the May 1972 VUD looked like, turn to page 26. We'd like to thank DXer-artist Harry Hayes for the new designs. Look for more changes in coming months. We're bringing back a couple of long-missing columns. We'd also like to hear from you about what kind of column or features you'd like to see.

CONVENTION '82 IS COMING...We'd like to see you in New York for WTFDA Convention '82, on Staten Island. None other than TV engineering expert Jerry Pulice will be our host this year. We're looking forward to quite an interesting program. It's still in the planning stages at this moment, but we should be in for a great time, with talks and demos on low-noise preamps and tours of a New York City broadcasting facility in the works. More about this on page 27. Come to Staten Island...you'll love New York!

TIME FOR YOU TO RENEW?...Please be sure to use the address above when renewing your membership. Send your renewal to club HQ, not to club officials' home addresses. The same should apply to club supply orders, change of address info, etc. We're aware of the recent problems with the mails lately, but sending club business to addresses other than Box 97 above just tends to delay things worse.

IT'S THAT TIME OF THE YEAR...We're into the E-skip season, and if you're not checking for it right now, you could be missing some great DX. Often, E-skip starts so suddenly that you're not aware of the opening until it's almost gone. Dust off the TV and FM rigs, and get that PSB scanner going on the 30 to 50 MHz band, and get ready. No one can say for sure when the daily E-skip openings will commence--or what kind of season it will be--but it's time.

BITS...RADIO ELECTRONICS magazine continues its state-of-the-art UHF TV preamp in the May issue with a discussion of transmission line losses; their preamp project is said to be way ahead of any commercially available preamp in performance, utilizing a couple of low-noise devices intended for use in microwave MDS set-ups... Watch for features on MDS in upcoming VUDs...A couple of pieces, including VHF UTILITY DX, were not received in time for this VUD... Dr. Bruce Elving has a new "goodies" catalog available for those DXers interested in tuning those "secret" FM SCA channels...

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MAILBOX

John Zondio
1308 SW 74th, Apt. 421
Oklahoma City, OK 73159
(405) 681-5991
Deadline: 5th

New Members:

Tim Brown	24 Lacewood Crescent	Don Mills, ON M3A 274
Francis Joseph Case	P.O. Box 984	Syracuse, NY 13201
Mike Ehrhardt	13515 Broadway	Alden, NY 14004
Nathaniel Ely	1237 E. Johnson St., #2	Madison, WI 53703
Michael Friedel	318 Lincoln	Deer Park, TX 77536
Kazuki Fukumitsu	545-124, Shiro-machi	Mihara-shi, Hiroshima 723, JAPAN
Dr. Gary Holland	7203 W. Claremont	Glendale, AZ 85303
Thomas Kleman	1822 E. Howard Ave.	St. Francis, WI 53207
Donald Marshall	824 5th Ave. N.	Great Falls, MT 59401
David O'Dell	7000 Cloverdale Drive	Little Rock, AR 72209
Fawzi Zregan	1015 Fairfield, G-2	Bridgeport, CT 06605

Renewals:

Robert Baker, Ken Blair, Danny Buntin, John Callarman, Pat Dyer, Richard Eddie, Eric Fader, William Feidt, Barry Gardner, Ronald Ginardi, Gerard Hert, Bob Hempel, William Higga, Hank Holbrook, Greg Ledbetter, Daniel Oetting, Ken Onyschuck, A. Robert Pantazes, Les Price, John Robertson, Rick Sanford, Ken Simon, Andrew Smith, Phil Sullivan, Lee Vulgamott, James J. Wallace, William Welch, Neil Zank.

Rejoins:

Louis Campagna-9724 Bridle Road-Philadelphia, PA 19115
Edward Cotton-4106 2nd St.-Chesapeake, VA 23324

Address Change:

Barry Gardner-General Delivery-APO San Francisco, CA 96239

Renewals Due in June:

Richard N. Allen, Dr. R.B. Ammons, John Basehore, Peter Baskind, John Blue, Andy Bolin, Walt Breville, Tim Cronin, Mike DeRoo, Mike Dewan, Art Finigan, Lawrence Glass, Dave Hascoll, Robert Heckenlively, Thomas Holmes, Jim Hopkins, Leonard Jozwiak, Bruce Kampe, Michael Lapinski, Roland Lindblade, Tom Little, Fred Nordquist, Edward Ritchie, Jr., Ron Schatz, William R. Smith, Steven Sprachman, Alphonse Tobia, Mel Wilson, Tracy Wood.

Leading off the new members this month is TIM BROWN, who hails from the town whose claim to fame is being the Canadian address for CBN. He writes, "I am an enthusiastic FM DXer located in suburban Toronto. Within the next few months I will be moving from my parents home to a high rise apartment in this area. I hate the thought of having to abandon my DXing hobby, but cable FM is used exclusively in most buildings and roof top antennas don't exist. Can you suggest some installation alternatives that will allow me to continue DXing - even if it means an antenna on the balcony?" Your suggestions are encouraged to the address above.

FRANCIS JOSEPH CASE is a researcher who's interested in learning more about antennas. His gear includes Sony, Nordmende and Grundig radios. Next up is Badger state member NATHANIEL ELY. His DX equipment includes a Tenith System III TV, an Archer V-150 antenna on a 10' mast, and a C-D rotor. Nathaniel, incidentally, says he's not too thrilled about the V-150.

GARY HOLLAND is an M.D. who is also a ham (K07C). He's using a Sony 26" Trinitron for TV DXing.

Our second WI joiner this month is THOMAS KLEMAN. His gear includes a Channel Master antenna and a Radio Shack Servo-Rotor. He writes, "TV and FM stereo are all connected with coax cable throughout. The antenna is a tripod mounted on the roof. I also have a separate 100 mile range UHF antenna on a 10' mast. I get a lot of Chicago stations coming my way."

Little Rock new member DAVID O'DELL is into MW, SW, FM and TV DXing. He used a Panasonic RF2600 with an FM dipole, and various TVs. David also belongs to OMDC, USDXA and SPEEDX.

Wrapping it up is FAWZI ZREGAN, who is a master degree student in physics. TV-FM DX is a great subject for a physics student to study!

Tidbits.....

Well, it's brag time for Jim Pizzi. Seriously, we should all be so fortunate to have a DX location such as his (Lovington NM). He's up on a plateau at about 4,000' and can look out over the wide expanse of TX, and occasionally, believe it or not, into Oklahoma. Here's a rundown on his equipment:

TV
Antennas
Channel 2 10 element @ 14' horizontal
Channel 3 5 element @ 11' vertical
Channel 4 10 element @ 19' horizontal
Channel 5 10 element @ 10' horizontal
Channel 6 5 element @ 11' horizontal
Above antennas used for Es
all yagis

Channels 2-6 10 element Winegard log horizontal @ 66' w/Winegard preamp
Channels 7-13 10 element Winegard log horizontal @ 64' w/Winegard preamp
UHF 7' Finco P-7 w/AC-4990 @ 70'
Above antennas are on tri-EX MW-65 crank-up tower

TVs	Color	
BSW		
5" Daytron	19" Motorola	ACA 2-13 preamp
8" Sony	18" Zenith	Finco tube preamps
12" Panasonic	13" Panasonic	Channel Master UHF
9" RCA	13" Seville	distribution amp- 3 outputs

FM

Antennas
Antennacraft 10 element @ 64' horizontal
Antennacraft 10 element @ 24' vertical
2 Ameco tunable preamps
Jerrold DSS-FM preamp

Receivers

JVC VT-700
JVC VT-900
Akai AT-VD4
Grundig portable

Now, this from Jim, "Most 75 ohm cable runs are C&C-11. On Tri-Ex tower cable runs are approximately 130 feet (FM-horizontal/UHF/2-6/7-13). Channels 2, 3v and 6 are approximately 50' and channels 4, 5 and FM vertical are approximately 75'. Comments by Hank Holbrook (Feb. WUE mailbox) were interesting. Concerning the ability to log many stations in a short period of time- it's not impossible. I've done it many times. Running 8 TVs into separate antennas (UHF from distribution amp into 3 TV sets) and 3 FM tuners (into Sony audio amp - pushbutton mode select). I've positive IDed many stations within a 2-3 minute period, sometimes as many as six in a minute. I've been DXing for over 20 years and have never falsified my logs. This hobby has brought me many happy moments, with no desire to 'one up' another DXer. The integrity of most members of this club is unquestioned in my mind. I realize that not all members can accumulate and maintain all the equipment I've managed to run across. Others have better and more sophisticated equipment (and more experience) than I, and their logs show it. A DXer should be left to do the best he can with what he has. To start pointing fingers will plunge this club into 'civil war.' Those who cheat only cheat themselves and won't be around that long (will lose interest and drop out) to upset me, or anyone else. On verifications, most of the above comments apply. Myself, I usually stick with photos and tapes. I agree with John Zondlo's comments (Feb. VUD)."

That wraps it up for this month. Keep those cards and letters coming in. See y'all next month.....73.....jz

PHOTO-NEWS

Mike Reid
109 Arjay Cres.
North York, Ont. M2T 1G6
CANADA

PHOTO NEWS returns with a new editor and a new feature! As of now, photos of test patterns of TV stations will be included in this column. This addition is to show the various kinds of patterns in use and to help with solving un-ID's. Of course, this is still the place for your DX and equipment photos, as always. To refresh your memory and to introduce some changes, here are the rules for the column.

General:

- 1) Deadlines will be the 20'th of the month. This is for a little elbow room in preparing the column, the early deadline for screening photos, and the famous speed of the Canada Post Corporation!
- 2) Photos are to be of good contrast, at least 3"x3" in size and are to be in black and white only. In extreme circumstances colour photos might be allowed, but would be difficult to deal with.
- 3) If you wish your photos returned, include a SASE with either US or Cdn. postage. I can handle both. Please indicate which are to be returned and whether they are to be trimmed or not. I would prefer to keep photos of TP's on a permanent file, so I would have a complete record of what is currently in use.

DX Photos, Equipment Photos:

- 4) For DX photos, please include the following details: The date, time (state zone), mode and location of reception, and of course, the station's calls and location. The approximate distance would be nice, also.
- 5) For equipment or shack photos, please include details of equipment shown.
- 6) DX TP photos are in this category.

Test Pattern Photos:

- 7) This is to be a record of what stations run during non-broadcast hours. Regularly used TP's, ID slides used in lieu of TP's, teletext, and weather radar are to be included here. TP's run for special tests should be indicated as such.
- 8) The date should be the one that the station was most recently running the pattern shown, not necessarily that of the photo. For the time, use the following: MOR-run during the pre s/on period, DAY-run during the day, NCT- post s/off, AN- all night. Use the one you think fits best. I will admit to possible confusion in some cases (e.g. stations with late s/on).
- 9) If a station changes its pattern, I would like to be updated about the change. Changes in ID placement on bar-TP's, for example, do not count as changes.
- 10) Please indicate if the original transmission was in B&W or colour if known.

A word about un-ID TP's: I do want photos of these too. If several of your locals run the same pattern (e.g. same number of bars, same size and position of the white block on 3/4 OB's, etc.) send one photo and the info for all the stations running it.

I look forward to your contributions.

73's

Mike

P.S.- Allow at least one week for the mails.

FCC TV NEWS

Bill Fahber
336 Atlantic St.
Bridgeton, NJ, 08302

RETROSPECT FIVE: THE THAW (CONTINUED)

The history of the freeze could be easily divided into several groups, each related to one of the FCC notices related to the freeze. The first three cover the material in last month's column.

1. NOTICE OF PROPOSED RULE MAKING, 5/6/48, proposed increase of VHF assignments and decrease of minimum mileage separations. The response to this was negative.
2. REPORT AND ORDER (Freeze order), 7/11/49, notified the public that no more applications would be accepted, applications already received would be set aside, but construction permits already granted are still valid.
3. NOTICE OF FURTHER PROPOSED RULE MAKING, 7/11/49, contained proposed table of assignments, proposed engineering standards, and a proposal for Mexican and Canadian assignments within range of the United States border. This notice also proposed 42 additional channels in the UHF region.

Because of the color television issue, hearings on this second notice did not begin until 10/16/1950, and lasted until 1/31/51. In addition to the UHF situation discussed last month, there arose a heavy push to save room in television for educational use before all available channels were used up by commercial television. Lobbying for the educators was Telford Taylor, counsel for the Joint Committee on Educational Television, which represented the American Council on Education, the Association for Education by Radio, the Association of Land Grant Colleges and Universities, the National Association of Educational Broadcasters, the National Association of State Universities, the National Council of Chief State School Officers, and the National Education Association. Educational television also had strong support within the FCC from one of the commissioners, Frieda Henock, who felt that 25% of the television assignments should be reserved for educational stations. She commented that education "...cannot do a decent job when it is subject to the vicissitudes of commercial broadcasting.... Education should be handled by educators skilled and trained in that field. Commercial broadcasters are not qualified in the field of education, and have never even made such a pretense."

4. THIRD NOTICE OF FURTHER PROPOSED RULE MAKING, 3/22/51. In this order the FCC proposed 52 UHF channels for public use, and several additional channels to be reserved for experimental television. The telephone companies had already requested 470-500 mHz for mobile operations. If granted, UHF television channels 14-65 would be 500-812 mHz, and experimental channels would be

ch. 66-78 on 812-890 mHz. If the request by the telephone companies were to be denied, UHF television channels 14-65 would be 470-782 mHz, and experimental channels 70-83 would be 782-890 mHz.

Also in the Third Notice was a proposal to reserve one educational assignment in each community having at least three assignments, resulting in 10% of the assignments being non-commercial according to the latest proposed table of assignments. To this Madam Commissioner Frieda Henock replied, "Failing to give the schools a sufficient share of the remaining television spectrum will adversely affect the course of education in the United States for generations to come." FCC Chairman Wayne Coy replied that there was no indication that educational institutions were ready and willing to go into television.

5. THIRD REPORT, 6/25/51. Various groups had urged the FCC to make a partial lift of its freeze, allowing permits for areas not presently receiving any television, and permits for existing stations to change existing facilities. But in this report the FCC decided that a partial lift was not yet possible.

6. FOURTH REPORT AND ORDER, 7/12/51. The FCC decided to allocate 470-500 mHz to television instead of mobile radio, thus opening the way for a total of 70 UHF channels.

7. FIFTH REPORT AND ORDER, 7/12/51, made it possible for existing licensees and permittees to apply for increased power.

8. SIXTH REPORT AND ORDER, 4/11/52. With this report, the freeze officially came to an end. 70 UHF channels were established (470-890 mHz). 2053 assignments were given to 1291 communities in the United States and its territories, more than 2/3 of which (channels) were UHF. While there was formerly three unofficial classes of television station (Metropolitan, Community, and Rural) there would be only one according to assignments, but two with respect to commercial status. A new class was being created; the noncommercial educational station. 242 non-commercial assignments were given to as many communities, 80 of which were VHF, and 162 UHF.

Maximum effective radiated power was set at 100 kw for channels 2-6; 316 kw for channels 7-13; and 1000 kw for UHF, which was later changed to 5000 kw. The United States was divided into three zones with different sets of mileage separation standards for each zone. Larger separations were required along the Gulf of Mexico because of greater tropospheric bending in that region. A large portion of the north-eastern United States was given shorter separation standards, but greater restrictions were placed on antenna height.

FCC TV NEWS

MAY, 1982

To further reduce the problem of co-channel interference, 10 kHz carrier offsets were assigned to the channel assignments. It was also necessary for about thirty existing television stations to change to another VHF channel in order to conform to the table of assignments.

Processing of applications for new stations began on 4/14/1952. The hundreds of existing applications received before the freeze were divided into two priority groups: A and B. Group A applications were for communities more than 40 miles from any existing station, and group B applications were for cities within 40 miles of at least one station.

The then new chairman of the FCC, Paul Walker, warned that the educational reservations were not permanent. After a one-year waiting period, anybody wishing to remove an educational reservation from an assigned channel would be able to do so by applying to the FCC to have it removed. When Madam Commissioner heard about that she hit the ceiling.

CONCLUSION:

In the past four months we have looked at American television as it changed from infancy to maturity, not through a long period of slow growth, but through major transformations contained within a short period of time. But we also begin to see the origins of yet-unresolved problems, such as the slow growth of educational television, and the UHF handicap. Next month, we begin to look at the results of the freeze: reactions to intermixture of UHF and VHF, protests over channel assignments, failure of many UHF stations, plus a few shady practices to make a lot of money off of those eager to start a television station. More detail as Retrospect Six begins "Aftermath."

REFERENCES:

Radio & Television News (monthly); various issues dating from 1950 thru 1953.
FCC Annual Reports, 1952 through 1955.
Lichty, Lawrence W. & Topping, Malachi G., editors; American Broadcasting; Hastings House Publishers; New York; pp. 602-612.

TRANSLATOR ACTIONS (The following include only those translators in the Great Plains states and to the east. I will provide whatever information I can on translators in the western United States upon request.)

APPLICATIONS FOR NEW TRANSLATORS:

- Melbourne & Palm Bay, FL; ch. 56 (Primary = WESH-TV, ch. 2, Daytona Beach); 1000 watts; 8920 watts ERP; pick up WESH-TV directly.
- Red Lake, MN; ch. 61; Primary=WTHS, ch. 17, Atlanta, GA; 100 watts (952 watts ERP); pick up signal from SATCOM satellite.
- Red Lake, MN; ch. 63; Primary=WGN-TV, ch. 9, Chicago, IL; 100 watts (952 watts ERP); pick up signal from SATCOM satellite.
- Lynch, NE; ch. 2; Primary=KELO-TV, ch. 11, Sioux Falls, S.D.; 1 watt (other ref has ERP as 7300 watts; too big a difference, so must be a mistake somewhere); pick up KELO-TV directly.
- Elk City, OK; ch. 50; Primary=KVJ-TV, ch. 8 Sayre, OK; 20 watts (194 watts ERP); pick up KVJ-TV directly.

TRANSLATOR CONSTRUCTION PERMITS GRANTED

- K47AF; Iron Mountain, MI; 100w (895w ERP); Fr=KTBW-TV, ch. 40, Fontana, CA; picks up signal from SATCOM I.
- K53AV; Rollins, Gould, Duke, Vinson & Reed, OK; 20w (186w ERP); Fr=KMET, ch. 12, Cheyenne OK; picks up KMET directly.
- K43AD; Knoxville, TN; 100w (1010w ERP); Fr=WRRV, ch. 65, Vineland, NJ via WSTAR III, transponder #7. (WHT Subscription Telev.)
- K61BY; Goodlett, Acme, Qunah, & Chilli-cothe, TX; 20w (200w ERP); Fr=KMET, ch. 12, Cheyenne, OK; picks up KMET directly.
- W67BA; Dennis, MA; 100w (ERP 1440w); Fr=WQTV, ch. 68, Boston, MA; picks up WQTV directly (subscription television)
- W07BJ; Ithaca, NY; 1w (7w ERP); Fr=WERY-TV ch. 36, Elmira, NY; picks up WERY-TV directly.
- K11QD; Hazen, ND; 1w (1w ERP); Fr=KFME, ch. 3, Bismarck, ND; picks up KFME directly.
- W57AP; Falmouth, ME; 100w (100w ERP); KTBW-TV, ch. 40, Fontana, CA; Picks up SATCOM I, transponder #13.
- W68BI; Westbury, NY; 100w (? ERP); KTBW-TV ch. 40, Fontana, CA; SATCOM I, transponder 13
- K55DF; Fergus Falls, MN; 100w (567w ERP); KTHI-TV, ch. 11, Fargo-Grand Forks, ND; picks up KTHI-TV directly.
- W07BK; Gate City & Weber City, VA; 1w (4w ERP); Fr=WKPT-TV, ch. 19, Kingsport, TN; picks up WKPT-TV directly.
- W69AD; Mobile, AL; 100w (2060w ERP); Fr=WRRV, ch. 65, Vineland, NJ via WSTAR III
- W08BU; Orangeburg, SC; 1w (9w ERP); Fr=WLTX, ch. 19, Columbia, SC; picks up WLTX directly.
- W64AR; Millie Hill, MI (other ref. has Iron Mountain, MI); 100w (815w ERP); Fr=WYAN-TV, ch. 27, Portsmouth, VA; SATCOM I.
- W62DA; Devine & Rural area, TX; 100w (896w ERP); Fr=KFDIA-TV, ch. 10, Amarillo, TX; picks up K67CN, Hereford & Friona, TX.
- K67CN; Hereford & Friona, TX; 100w (1670w ERP); Fr=KFDIA-TV, ch. 10, Amarillo, TX; picks up KFDIA-TV directly.
- W02BB; Allagash, ME; 1w (3w ERP); WAGN-TV, ch. 4, Presque Isle, ME; to pick up 127.2, Allagash, ME. (Note: WAGN is formerly W02BB)
- W02BB; Milwaukee, WI; 100w (8420w ERP); Fr=WCIU-TV, ch. 26, Chicago, IL; WCIU-TV is picked up directly.
- W21AC; Harrisonburg & Rockingham County, VA; 100w (2140w ERP); Fr=WHSV-TV, ch. 3, Harrisonburg, VA; to pick up proposed ch. 16 translator in southern Rockingham County, VA.
- W33AB; Harrisonburg & Rockingham County, VA; 100w (2200w ERP); Fr=WRC-TV, ch. 4, Washington, DC; to pick up proposed ch. 16 translator in Southern Rockingham County, VA.
- W39AD; Harrisonburg & Rockingham County, VA; 100w (2140w ERP); Fr=WVH-TV, ch. 9, Washington, DC; to pick up proposed ch. 27 translator in Southern Rockingham County, VA.
- W48AD; Harrisonburg & Rockingham County, VA; 100w (2140w ERP); Fr=WVPT, ch. 51, Staunton, VA; to pick up proposed ch. 46 translator in Southern Rockingham County, VA.
- K26AR; Iola, KA; 100w (11,400w ERP); Fr=KTVJ, ch. 16, Joplin, MO; pick up KTVJ direct.

• W57AQ; Calais, ME; 100w (1780w ERP); Pr= WLBZ-TV, ch. 2, Bangor, ME; pick up WLBZ-TV directly.

• K60BT; International Falls, MN; 100w (910w ERP); Pr=KBJR, ch. 6, Duluth, MN; pick up K75AQ, Kabetogama, MN. (I suspect that this may really be K82AJ dropping to a lower channel instead of a new translator.)

• K55DI; Bethany, MO; 100w (2910w ERP); Pr= KQTV, ch. 2, St. Joseph, MO; picks up KQTV directly.

• K57CF; Grant City, MO; 100w (3310w ERP); Pr=KQTV, ch. 2, St. Joseph, MO; pick up KQTV directly.

• K30AE; Alva, OK; 1000w (6890w ERP); Pr= KETA, ch. 13, Oklahoma City, OK; Picks up K46AH, Medford, OK.

• K28AC; Ardmore, OK; 1000w (6890w ERP); Pr= KETA, ch. 13, Oklahoma City, OK; To pick up proposed ch. 54 translator in Duncan, OK.

• K46AI; Durant, OK; 1000w (6670w ERP); Pr= KETA, ch. 13, Oklahoma City, OK; pick up KETA directly.

• K38AR; Ponca City, OK; 1000w (6890w ERP); Pr= KETA, ch. 13, Oklahoma City, OK; pick up KETA directly.

• K38AM; Strong City, Leedy & Harmon, OK; 20w (205w ERP); Pr=KTVY, ch. 4, Oklahoma City, OK, via proposed ch. 46 translator in Oak City, OK.

• K40AG; Strong City, Leedy & Harmon, OK; 20w (205w ERP); KMTV, ch. 9, Oklahoma City, OK, via proposed ch. 48 translator in Oak City, OK.

• K42AG; Strong City, Leedy & Harmon, OK; 20w (205w ERP); Pr=KVLS, ch. 8, Sayre, OK; picks up KVLS directly.

• W58BH; Dennis, MA; 100w (1440w ERP); Pr= WSMW-TV, ch. 27, Worcester, MA; picks up WSMW-TV directly. (note: other reference has call letters W58AO.)

CHANGE IN PRIMARY STATION REQUESTED

• K71BJ; Mooreland, Waynoka & Woodward, OK, requests primary as KMTV, ch. 9, Oklahoma City, OK. (Presently KTVY, ch. 4, OK. City)

CHANGE IN PRIMARY STATION GRANTED

• K72DT; Bemidji, MN, granted primary as KDLR-TV, ch. 3, Duluth, MN, via K59BQ, Deer River, MN (note, K72DT is now K46AG)

• K75AM; Bemidji, MN, granted primary as KBJR, ch. 6, Duluth, MN; picks up KBJR directly (K75AM is now K48AO).

CHANGE IN POWER REQUESTED

• W66AK; Gates Mills, OH, to 10w (112w ERP) (I thought they already were 10w -wbf)

• W10AT; Highland, NC, to 10w (99w ERP) from 1w.

CHANGE IN POWER GRANTED

• W07AC; Pennington Gap, VA to 10w (presently 1w, 5wERP)

• K70DP; Gothenburg, NE, to 1000w (11,400wERP) (presently 2530w ERP). (also change to ch.27)

CHANNEL CHANGES REQUESTED

• W40AB; Atlanta, GA, to ch. 17

• W75AJ; Green Bay, WI, to ch. 8

• K77AQ; Memphis, TN, to ch. 40

• K80AU; Memphis, TN, to ch. 42

CHANNEL CHANGES GRANTED

• K72DT; Bemidji, MN, now K46AG (see also Primary changes granted.)

• K75AM; Bemidji, MN, now K48AO (see also Primary changes granted)

• K80CK; Bemidji, MN, now K50AK

• W33AB; Utica, NY, now W59AU

• W02AZ; Allagash, ME, now W12BE

• K70DP; Gothenburg, NE, now ch. 27

• W73AC; Clark Summit, Dalton & Waverly, PA now W32AD

APPLICATIONS FOR NEW BROADCAST STATIONS

ch ERP HAAT City/state/applicant

33 1380 339 Pensacola, FL; Harbour Bo'g Corp

9 170 2734 Caldwell, ID; Caldwell Television Associates, Ltd.

9 115 2737 Caldwell, ID; Canyon Commuic's

9 160 2748 Caldwell, ID; Cascade Broadcasting Group, Ltd.

16 2280 1011 Quincy, IL; Wooster Republican Printing, Inc.

63 355 525 Des Moines, IA; David G. Smiley

14 5000 1478 Greenville, NC; Elcom, Inc.

35 147 97 Kerryville, TX; Comanche Broadcasting, Inc.

29 2270 538 Hobbs, NM; Lea County Telev.Inc.

48 2761 1616 Greenwood, SC; Metro Communications South, Inc.

8 316 1771 Selma, AL; James L. Oyster

7 316 1000 Boston, MA; Atlantic Television Corp. (requests facilities of WNAC-TV)

23 1870 492 Buffalo, NY; Commonwealth Foundation for Public Broadcasting

30 2371 1000 Portland, OR; Commonwealth Foundation for Public Broadcasting

65 82.6 470 Defiance, OH; Craig Broadcasting

14 4500 1448 Houston, TX; Educational Television of Houston, Inc.

43 293 2195 Clovis, CA; TV 43, Inc.

52 14.1 -279 Ithaca, NY; Paradise Broadcasting and Communications Systems

64 557 694 Tullahoma, TN; Quin-abi Bo'g Co.

47 3483 754 Madison, WI; Channel 47, Inc.

52 5.4 30 Carolina, PR; Carlos Ortiz

MODIFIED APPLICATION

32 Lakeland, FL; change A-T-O Communications to Figgie Communications.

CONSTRUCTION PERMITS GRANTED BY THE FCC

24 2944 1023 Wichita, KA; Greater Wichita Telecasting, Inc.

63 23.4 170 Oxnard, CA; KZIE (reinstated)

7 Boston, MA; KZIE (conditional on outcome of WNAC)

2 13.7 -823 Hilo, HI; Oceanic Broadc'g Co.

23 1869 592 Cape Girardeau, MO; Cape Girardeau Family Television, Inc.

29 700 333 Lake Charles, LA; Lake Charles Electronic Media, Inc.

33 53.5 -125 Utica, NY; Broadcast Facilities

51 3083 1091 Longview, TX; KLMB-TV, Inc.

42 1545 557 Paris, TX; KLMB-TV, Inc.

19 1143 1194 Madisonville, KY; Life Answ Ministries

16 4502 520 Burlington, NC; National Group Telecommunications of Burlington

APPLICATIONS DISMISSED BY THE FCC

Louisville, KY; ch. 21; Word Broadcasting Network, Inc.

Wichita, KA; ch. 24; Columbia-Kansas TV, Ltd.

Washington, DC; ch. 14; Community Service Broadcasters; Metropolitan Television, Inc.

Daytona Beach, FL; ch. 26; Comark Television

San Antonio, TX; ch. 29; Hubbard Broadcasting, Inc.; Lee Enterprises, Inc.; Tejas Broadcasting, Inc.

Lake Charles, LA; ch. 29; Holt-Robinson Television of Louisiana, Inc.

Grange Park, FL; ch. 25; Christian Communications of Clay, Inc.

Burlington, NC; ch. 16; Carolina Christian Broadcasting, Inc.

Omaha, NE; Katz Broadcasting Corporation of Omaha.

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ch ERP HAAT City/state/applicant

20 1005 804 Athens, OH; WOUB-TV

20 2301 1201 Waterbury, CT; WATR-TV (WTXX)

27 2336 2080 West Point, MS; WWSB-TV

CONSTRUCTION PERMIT MODIFICATION GRANTED

25 2040 1360 Alexandria, LA; KIPA-TV; TL 0.6 mi. SSE of Rte. 123; 1.3 mi. W of Rte. 167 near Dry Prong

23 302 n.s. Minneapolis, MN; KTMA-TV

APPLICATIONS TO CHANGE EXISTING FACILITIES

16 4000 984 Salisbury, MD; WBOC-TV

55 1556 466 Springfield, IL; WBNH-TV

CHANGE IN EXISTING FACILITIES GRANTED BY FCC

21 1100 1280 Louisville, KY; WDRB-TV (change from ch. 41; reversal of an earlier decision by the FCC)

66 5000 550 Manassas, VA; WTKK

20 2301 1201 Waterbury, CT; WATR-TV (WTXX)

NEW CALL LETTERS APPLIED FOR

WTWC Tallahassee, FL; ch. 40; Holt-Robinson

WUOM-TV Macomb, IL; ch. 22; Western Illinois University

WSMK Indianapolis, IN; ch. 59; Indianapolis Television Corporation

WTTE Columbus, OH; ch. 28; Commercial Radio Institute, Inc.

KOWY Lander, WI; ch. 5; Chrysostom Corp.

KTCK-TV Topeka, KA; ch. 49; Mid-America Broadcasting of Kansas, Inc.

KOHA-TV Hilo, HI; Oceanic Broadcasting Co.

KMLT-TV Marshall, TX; ch. 35; Holt-Robinson

KNBP Reno, NV; ch. 5; Channel 5 Public Broadcasting, Inc.

KQFB Tacoma, WA; ch. 20; Family Broadcasting Company

KSAF-TV ch. 2; Santa Fe, NM; New Mexico Media Company

WTUV Utica, NY; ch. 33; Broadcast Facilities Company.

CALL LETTER APPLICATIONS: CHANGE EXISTING

KDOG-TV Anaheim, CA; KGOF; ch. 56

WFFF-TV Greenville, S.C.; ch. 4; WFBC-TV

WFAT-TV Johnstown, PA; WJNL-TV

WHRB-TV West Palm Beach, FL; ch. 42; WMPF

CALL LETTERS ASSIGNED: CHANGE EXISTING

WTXX Waterbury, CT; ch. 20; WATR-TV

WGIA Macon, GA; ch. 24; WVLG

CALL LETTERS ASSIGNED: NEW STATIONS

KWNC-TV Lander, WI; Central Wyoming College, ch. 4

WFSL-TV Lansing, MI; ch. 36; F&S Comm/News

WPWR-TV Aurora, IL; ch. 60; Metrowest Corp.

WLAJ-TV Lansing, MI; ch. 53; Benko Broadc'g.

KDOG Nagdoches, TX; ch. 19; Dogwood Bo'g.

KTBY Anchorage, AK; ch. 4; Totem Bo'g.

KWSE Williston, ND; ch. 4; Prairie Public Television

KVTX Victoria, TX; ch. 31; Community Television of Victoria

APPLICATION FOR STV AUTHORIZATION

West Chicago, IL; ch. 60; HATCO-60

STV AUTHORIZATION GRANTED

Grand Rapids, MI; ch. 17; WDMA-TV

STV APPLICATION DISMISSED

Denver, CO; ch. 20; American Television & Communications Corporation

Buffalo, NY; ch. 49; Great Erie County Telecasting Corporation

Memphis, TN; TV30, Inc.

CONSOLIDATED HEARINGS

• Burlington, VT; ch. 22; application for renewal of license of WEFZ-TV; application for new station by Lake Champlain Television Corporation

• Brookfield, CO; ch. 14; Family Television, Inc.; C.S.T.V., Inc.; Boulder Telecasting Corporation; Rocky Mountain 14, Inc.

• Lexington, KY; ch. 62; Kentucky Authority for Educational Television; FBC, Inc.; Lexington Family Television, Inc.; Way of the Cross Outreach, Inc.

• Bozeman, MT; ch. 27; New West Broadcasting, Inc.; Edward M. Johnson; Tri-B Broadcasting, Inc.; Bee Broadcasting, Inc.

• Appleton, WI; ch. 32; Apogee, Inc.; Appleton Midwestern Television

• San Diego, CA; ch. 69; Vanton Corporation; Christian Communications Network; Federal Broadcasters, Inc.; San Diego Family Television, Inc.; LLMR Broadcasting, Inc.; Interast Communications Corporation; Local Service Television, Inc.; Channel 69 Corp.

RESULTS OF CONSOLIDATED HEARINGS

• Lake Charles, LA; ch. 29; FCC granted CP to Lake Charles Electronic Media, Inc. and dismissed application by Holt-Robinson Television of Louisiana, Inc.

• Louisville, KY; FCC granted WDRB-TV to move from ch. 41 to ch. 21; and dismissed application for ch. 21 by Word Broadcasting Network.

• Wichita, KA; FCC granted CP to Greater Wichita Telecasting, Inc. and dismissed application by Columbia-Kansas TV, Inc.

STATIONS ON THE AIR:

• WRHM-TV, ch. 35, Richmond, VA, began 2/21; TL at 23 Sesame Street, Richmond; 3090kw ERP; 740' HAAT; Addr.: Neighborhood Communications Corp., c/o Harvey L. Hudson, Box 37, Richmond, VA, 23206

• WTSG, ch. 31, Albany, GA, began 2/15/82; TL north of Rte. 270, 2.5 mi east of Doe Run; 1580kw ERP; 990' HAAT; addr: Gordon Communications Corp., 3220 Jacqueline Drive, Albany, GA; 31705

STATIONS ON THE AIR (CONTINUED)

• WPMI, ch. 15, Mobile, AL; began 3/12/82; TL on Shelton Beach Road, 0.4 mile north of Moffat Road; 5000w ERP; 17061 HAAT; addr: Moss Broadcasting Corp., Box 12504, Pensacola, FL; 22503

• WYIE, ch. 55, Leesburg, FL, began 3/6/82; TL Haines Creek Road, 2.5 miles north of US 441; addr: WYIE, c/o H. James Sharp, 7473 Overton Drive, Leesburg, FL, 32748.

ADDITIONS TO THE TABLE OF ASSIGNMENTS

• Orlando, FL; add 65s
• Virginia Beach, VA; add 43+. This was applied for by Edward S. Garcia, Jr., but Tidewater Community Broadcasting, Inc. had opposed it on the grounds that there is no need for another station in the tidewater area (in English that means they're afraid of competition.).

APPLICATIONS TO CHANGE STUDIO LOCATIONS

• WITF-TV, ch. 33, Hershhey, PA, to change station location to Harrisburg, PA.
• WSHS, ch. 66, Opelika, AL, to change to Opelika-Auburn, AL
• WHTV-TV, ch. 8, Poland Springs, ME, to change to Portland, ME.

CHANGE IN ID APPLIED FOR

• Lander, NY, ch. 5; Chrysostron Corp. requests change in ID to Lander-Riverton.

CARRIER OFFSETS TO BE CHANGED (These are from the new engineering data base lists, and are also included in the 1981 Code of Federal Regulations. When the changes did or will take place, I do not know. The changes below cover VHF stations; I should have UHF available next month.)

OLD NEW STATION CITY/STATE

3+ 3s WLBTV-TV Jackson, MS
3+ 3s KBTV-TV Bryan, TX
8- 8s WSLA Selma, AL
8+ 8s WTHH-TV New Haven, CT
*8z *8- WGTV Athens, GA
8+ 8- WVUE New Orleans, LA
2- 8+ WQAL-TV Lancaster, PA
11+ 11z WTHV Little Rock, AR
11+ 11z WQAD-TV Louisville, KY
11z 11+ WLFJ-TV Lexington, TN
12+ 12- WBOC Glovis, MI

MEXICO CHANGE PROPOSED:

Also from the data base list, reference is made to Mexico proposing to delete 3+ in Monterey, and replace it with 2+ and 4- (3+ is presently occupied by XEPR). The FCC had opposed the change.

BOSTON, MASSACHUSETTS:

The FCC allowed WNAC-TV, ch. 7, owned by RKO General, to operate beyond the 3/7/82 expiration date, but profits during that extension must go to charity or to a non-profit broadcasting entity. The two other contenders for that channel, Community Broadcasting of Boston and the Dudley Station Corporation, merged into New England Television Corporation, and was granted a construction permit conditional on the outcome of WNAC-TV's situation.

CANADA: The National Captioning Institute made agreements with the Canadian Broadcas-

ting Corporation and the CTV network to caption 350 hours of programming. Also, Sears, Roebuck & Co. will no longer be the sole distributor of the line-21 decoders.

FCC ADOPTED RULING ON LOW POWER TELEVISION

According to various sources, the FCC adopted new rules to govern translators and low power television on March 4, 1982. The text of that has not yet appeared in the Federal Register, but some of the points are as follows: Existing translators may become LPTV stations by merely notifying the FCC; Networks will be permitted to own LPTV stations. Maximum power will be 10 watts for VHF and 1000 watts for UHF (This is the power output of the final radiofrequency amplifier; effective radiated power is usually many times greater than that. The freeze will continue until the FCC handles the backlog of 6500 applications already in. I hope to have more on the ruling next month if it appears in the Federal Register.

UHF HANDICAP REPORT FOLLOW-UP: The FCC Office of Plans and Policy released a staff report which concludes that there is no systematic relationship between UHF viewing and channel selector type. The UHF Comparability Task Force also came to the same conclusion after analyzing the public use of more than 3800 receivers.

PBS EXPERIMENT IN ALTERNATE FINANCING: The experiment is expected to begin around the end of April, 1982.

KNOXVILLE WORLD'S FAIR: The FCC granted STA to translator K43AD to originate programming during the World's Fair. K43AD will also be transmitting teletext information.

Expo International Broadcasters, Inc. was given permission to transmit an experimental station on ch. 7 to broadcast fair-related information 24 hours a day in various languages.

CANADIAN TELEVISION NOTES FROM WALTER PATTON

APPLICATIONS FOR NEW STATIONS

CH ERP CITY/PROVINCE/PRIMARY
9 29 Campbellton, NB; CBAFT (ch.11), SRC
44 .664 Kedgwick, NB;CBAFT (ch.11) SRC
24 .171 St. Quentin, NB; CBAFT (ch.11) SRC
8 108 Anse aux Gascons, Que; CIVM (ch.17)RQ
2 32 Carleton, Que; CBGAT (ch.6) SRC
15 428 Carleton, Que; CIVM (ch.17) RQ
8 .184 Chandler, Que; CBGAT (ch.6) SRC
23 1.66 Chandler, Que; CBMT (ch.6) CBC
8 1437 Chicoutimi, Que; CIVM (ch.17) RQ
8 .085 Cloridorme, Que; CBGAT (ch.6) SRC
8 5.21 Escuminac, Que; CBMT (ch.6) CBC
9 1.80 Gaspé, Que; CBGAT (ch.6) SRC
18 5.00 Gaspé, Que; CBMT (ch.6) CBC
35 2.60 Gaspé, Que; CIVM (ch.17) RQ
24 0.1 Lac-Humqui, Que; CBGAT (ch.6) SRC
45 5.19 New Carlisle, Que; CBMT (ch.6) CBC
27 6.00 New Richmond, Que; CBMT (ch.6) CBC
11 20 Perce, Que; CBGAT (ch.6) SRC
14 3.71 Perce, Que; CBMT (ch.6) CBC
40 2.17 Perce, Que; CIVM (ch.17) RQ
16 1.31 Port Daniel, Que; CBMT (ch.6) CBC
2 2.90 Rivière-au-Renard, Que; CBGAT (ch.6)
2 25.1 Rivière du Loup, Que; CIVM (ch.17)RQ

CALL LETTER CHANGE

Elliot Lake, ON; ch.3; from CKSO-TV-1 to CICI-TV-1; operates on 19kv

POWER CHANGES GRANTED

CH C.L. FROM TO CITY/PROVINCE
33 CBMT-7 5w 100w Lechar, NS
4 CBMT 236w 276w Chibougamu, Que.
--- CIVS 1318 475 Sherbrooke, Que; (power in Kilowatts; channel change from 14 to 24.)

APPLICATIONS FOR POWER CHANGES

CH C.L. FROM TO CITY/PROVINCE
7 CKCD-TV 1.44 0.82 Campbellton, NB
- CHAU-TV-11.005 .010 Kedgwick, NB (change from channel 2 to 3)
9 CHAU-TV-2 .005 .100 St. Quentin, NB
5 CHAU-TV 52.5 40.3 Carleton, Que
- CHAU-TV-4 .005 .026 Chandler, Que (change from ch.7 to ch. 6)
- CHAU-TV-8 .005 .089 Cloridorme, Que (chg. from ch.5 to ch. 11)
- CHAU-TV-6 .157 .378 Gaspé, Que; (chg. from ch. 13 to ch. 7)
- CHAU-TV-9 .005 .023 L'Anse a Valleeau (chg. from ch. 7 to ch. 12)
- CHAU-TV-5 9.62 21.1 Perce, Que (change from ch.2 to ch.13)
- CJBR-TV 49.3 100 Rimouski, Que (chg. from ch.3 to ch.2)
- CHAU-TV-7 .205 1.22 Rivière-au-Renard, Que (chg. from ch.7 to 4)
9 CMT-TV 141 249 Rivière du Loup, Que.
- CHAU-TV-1 4.50 3.50 Ste. Marguerite-Marie Que (change from ch. 2 to ch. 3)
3 CBGAT-7 .390 .313 St. Rene de Matane, Que

NETWORK CHANGES

CHAU-TV, ch. 5 in Hawkes Bay, and its affiliates, most of which are listed above, are changing from SRC (French CBC) to TVA (private French).

PROPOSED DELETIONS

9 CHAU-TV-10 St. Martin de Restigouche, NB

DELETION

5 CHLG-TV-12 Camp LeGrand, Que.

Walter Patton also reports that after 1985 television sets will no longer be required to receive channels 70-83 (see last month's article on the new Canadian Television Channel Allotment Plan).

CORRESPONDENCE FROM CLUB MEMBERS

Nick Lombardi of Atlanta, GA, sent in an article from the 3/21/82 Atlanta Journal-Constitution. Being in the business section of a Sunday paper, it isn't so much news as it is a commentary on the business aspects of low power television. The key point of the article is found in this sentence: "What was conceived in Washington as a method for reaching 'Bialsten white areas'- those areas of the country beyond the 55-mile radius of all 212 television markets- quickly turned into a bureaucratic nightmare." It focuses on some of the "opportunistic entrepreneurs" who are in for it for the money (Turner Broadcasting, etc.), but mentions that the FCC plans to give preference to applicants who own no other media

interests and to those companies with more than 50 minority owners. Despite the fact that Congress is pressuring the FCC to use a lottery system to choose between mutually exclusive applicants.

Ron Purdie updates the status on those two stations in Minneapolis-St. Paul which are having a hard time getting on the air. WFMT, ch. 29, hopes to begin broadcasting sometime between April and July, 1982, and Ron thinks that KTHA-TV, ch. 23, will be on shortly afterwards. The Shoreview TV antenna situation seems to be solved.

Tom Yingling sent in an article, this one with a sports emphasis, from the sports section of the Baltimore Sun, 3/23/82. WHAR's contract with the Baltimore Orioles may not be that profitable in the future to be worth investing time and money. The greatest source of television sports lies with STV and pay-cable. But WBFF-TV, channel 45 is still trying to get STV approval despite the lack of other stations to fulfill the "compensation of four" rule, and politicking is preventing the City of Baltimore from arriving at a contract with any cable company, so the city is still without cable TV. (Lucky stiff! Bridgeton has TV cable, and the interference is bothering me something terrible! Channel 2 is the worst, and that takes most of the fun out of meteor scatter!)

LOW POWER TELEVISION CONSTRUCTION PERMITS

• K16AD, Little Falls, MN; 100w (910w ERP); Gannett Community Television, Inc.
• K50CG; Ukiah, Calpella & Redwood Valley, CA 100w (1200w ERP); American Rural Television systems, Inc.
• K47AL; Ukiah, CA; 100w (2500w ERP); Television Improvement Association
• K05HP; Kirksville, MO; 10w (93w ERP); Sowers Newspapers, Inc.
• W10AW; Maryville, MO; 10w (96w ERP); Sowers Newspapers, Inc.
• W25AB; Watertown, NY; 100w (1894w ERP); Intercounty Broadcasting Corporation.
• K46AN; Elk City, OK; 20w (194w ERP); Northfork Television Translator System
• K23AD; Woodward, OK; 100w (1143w ERP); Frontier Community Communications, Inc.
• W079N; Cookeville, TN; 10w (47w ERP); Millard V. Oakley
• W06AS; Ladysmith, WI; 10w (32w ERP); Bell Press, Inc.
• W33AD; Concord, VA; 100w (1134w ERP); Paul H. Passink.

APPLICATION TO CHANGE CONSTRUCTION PERMIT:

• K26AC, Bemidji, MN, requests change of TL to 7 miles north of Bemidji on County Road #305 (K26AC is owned by John W. Bolter)

NEW TELETXT STATION: WKRC-TV, ch. 12 in Cincinnati, OH, (no relation to WKRP) is now experimenting with CEEFAK. Meanwhile in Los Angeles, CA, KNBC-TV, ch. 4, joined in the Antelope experiment with KCET and KMAX.

NEXT MONTH: Insight into a Canadian proposal that could provide remote communities a large number of television signals transmitted locally; more translators; more on the data base lists; how to order the new 47CFR.

BRUCE ELVING

Editor,
Adolph MN 55701
Reports Welcomed (summer address)

New FM Stations Granted

AZ Green Valley 92.1 3000 h.v.; 170' rock
AR Little Rock 90.1 10000 h.v.; 280' U of AR
CA Fresno 90.7 260 h.v.; 65' CA State U.
CA Ventura 107.1 280 h.v.; 870' rock
KY Greenup 105.6 1000 h.v.; 480'
MI Big Rapids 102.3 1800 h.v.; 400'; m
MI Scottville 95.9 3000 h.v.; 300'
SD Porcupine 90.1 10000 h.v.; 510' ethnic
TX Cameron 101.7 3000 h.v.; 300'
TX Roma 97.7 3000 h.v.; 300'; g
TX San Antonio 96.9 3000 h.v.; 300'; c
Classical Broadcasting Society
BC Boston Bar 92.8 20 w CFMI 101.1 relay
ON Whitney (180 km W. Ottawa) 96.5 182, CBC
PQ Hays St-Pierre (175 km E. Sept. Ile)
95.1 80, CITE 107.3 relay-satellite
96.3 50, CFQM 103.9 Moncton relay
100.1 50 CKO-2 96.1 Toronto relay
100.9 50 CIRK 97.3 Edmonton relay
101.7 50 CFMI 101.1 New Westminster BC
104.7 50 CKAC (AM) relay (Montreal) - all
off Cancon satellite and with 50 watts each
PQ Lovicourt (130 km E. Rouyn) 1 watt, 70%
Algonquin, 22% French, 10% English
PQ Radisson 92.3 111 watts CITE 107.3 relay
Deletions

PQ Camp Le Grand CHLG-12 95.1, CKBJ-3 96.1
Change in construction schedule left them un-
licensed.

Call Letters

AZ Flagstaff 92.8 XAFF (KFLG)
AZ Phoenix 96.7 KKL7 (KBBG)
CA Carmichael Bay 101.7 KNTX (KEZC), plus
translators
CA San Diego 101.6 KGB-FM (KGB-FM)
CA Yreka 97.7 KYRE
IN Frankfort 97.3 WSHW (WILQ-FM)
MN Duluth 98.9 WAKX (WAKX-FM) + translators
"103.3 KUWD-FM" (WDTH)
MS Meridian 97.1 WOKK (WALT)
101.3 WJDD-FM (WJDD)
MT Billings 97.1 KZLS (not KZIS;
also affects translators)
NY Boulder City 105.5 KRBI
NY Las Vegas 92.3 KOMP (KEND-FM)
NH Exeter 107.1 WERZ (WKXR-FM), start of
NY Bristol Center 95.1 WYLF (WMT)
NY Westfield 107.7 WUWU (WUWU), a, Wood
Woe
ND Jamestown 96.6 KQDJ-FM (KGWB)
OK Frederick 96.5 KYBE (KQFO)
OR Astoria 91.8 KMUN
92.9 KBNK-FM (KAST-FM)
OR Hood River

106.5
KCBS (KJHR-FM)
PA Cresson 94.3 WBXQ (WPKX), still 0-84
PA Shippen Rock 90.1 WSRU
SC Columbia 102.1 WOPN
TX Cleveland 100.7 WOLS (won't go to WLCY)
TX Fort Worth 107.5 KNOK-FM (KNOK-FM)
TX Memphis 105.3 KLSR-FM, on air, Stereo, k
VA Clifton Forge 103.9 WXCX-FM
NY Rhinecland 91.7 WXPB, P
NY Saratoga 98.9 KWNH (KLLQ)
SC Big White Ski Village 98.1 CKQ-1
SC Sacramento 107.1 CHNL-3
NS Fredericton 97.5 CHSR-FM
PQ Cap aux Marais (Nas de la Madeleine) 92.7 CFMI
PQ Clarendon 94.7 CBVB
PQ Chapou 96.7 CBOP-F
PQ Edmunds 95.5 CBVA
PQ New Carlisle 91.1 CBVN
PQ New Richmond 103.5 CBVN

Formats/Networks

AL Decatur WZSA 98.9 no NBC
WDRM 102.1 no or two reporters
give conflicting detail "FM-102," they agree
AL Huntsville WNOA 95.1 back to gospel
WAHR 99.1 rock, "AHR-99," music SCA
AZ Flagstaff KNAU 98.7 P
AZ Tucson KLPX 98.1 rock
AL Montgomery WLWI 92.3 E (was ABC-A)
CA Angeles KPRN 98.5 P (CO Pabco KVHF
CA Hoopa KIDE 91.3 P (CO 90.5 P
CO Manitou Springs KCME 98.1 P
CO Sterling KSTC-FM 104.7 ABC-Direction
CT Fairfield WSHU 91.1 P WSHU 91.1 P
FL Panama City WPFM 107.9 P, FM-108
GA Atlanta WSB-FM 96.5 rock, 99-FM
WVEE 103.3 (from disc)
GA Macon WDFN-FM 105.3 E (not U)
GA Manchester WOCK 93.3 E, despite non-D of
"Clack Country"
GA Smyrna WQXI-FM 96.1 P (from P)
IL Metropolis 98.3
IA Council Bluffs KJWR 98.7 to be P
KS Haverdale KNZA 103.9
UP Audio, FM-104
KY Jefferson WJYL 101.7 m (not m)
LA Crowley KAJN-FM 102.9 U
MD Ocean City WQHO 104.7 m
MN Minneapolis KBEM 98.5 to be P
MS Jackson 98.1 P
MO Kansas City KXTR 96.5 ABC-information
KPRS 103.3 E (not Z)

MO St. Joseph KSFT 105.1 E, "stereo country"
(stereo)
MT Billings KEMC 91.7 P
NE Ogallala KOGA-FM 99.7 ABC-Direction
NE Omaha KVOH 90.7 c, P, Dalby
NH Nashua WOTW-FM 106.3 g
NY Syracuse WAEK 98.5 r, (some L)
WNTQ 93.1 now r, 93-0, 100000 h.v. (100000 h.v.)
NC Fayetteville WFSB 98.1 P
OR Pendleton KUMA-FM 107.7 ABC-E
OK Okmulgee KOKL-FM 94.3 (country)
OK Pryor KMYZ-FM 104.6 m, BACK ON AIR, after
being off since last fall
TN Cookeville WGSQ 94.3 E, 0-84
TN Memphis KWAM-FM 101.1 E, "Magic 101"
TN Springfield WDBL-FM 94.3 m
TX Corpus Christi KKED 98.3 P
VA Petersburg WPLZ 98.3 soul
VA Richmond WRVQ 94.5 T (The Source; not R(KD)
WTVR-FM 98.1 country, no network
VA Warrenton WWWW 107.5 m, K-108 (Satellite
Music Network)
WA Bellingham KNWR 91.4 no network 104.3
WA Bremerton KQWA 108.0 U (not Mutual)
WA East Wenatchee KTRW 97.0 (CBS Radio Radio)
WA Ephrata KTRM 95.9 0 (satellite)
WA Moses Lake KSEM-FM 99.3 mono r, 100% AM
WA Pullman KQDD 104.9 0
WA Seattle KJIX-FM 96.7 (AP Audio; no NBC)
KEZZ 98.9 - ABC-Entertainment
KSEA 100.7 no network
KRAB 107.7 no network; dropped by
National Public Radio "a few years ago"
WA Spokane KKLY-FM 96.9 no CBS
WA Tacoma KNOB 97.3 no network (now on with
78.5, 100000 h.v.)
KRPM 106.1 AP Audio (S)
WA Yakima KDMA 91.9 P
WI Haverhill WJLB 98.9 to be P

No Stereo
PA Central City WKZE 101.7
WA Central KELA-FM 102.8

Stations Broadcasting in Stereo (S)

AZ Tucson KNOB 98.5, AR Greenwood KAJJ 100.3,
LA Ar Mountain View KWQZ 103.3,
ID Mountain Home KQKZ 99.3, rock
KS Maryville KNOY-FM 103.1, k
KY Central City WKYA 101.9, Columbia WAIN-FM
93.5, Glasgow WGGC 95.1, Scottville WLCK-FM
95.3, Somerset WSEK 96.7
OK Enid KUAL 103.1, m, new to the air
PA Philadelphia WPTT 91.7 "one way to tell
them from WKDU, their shewlman"
TN Nashville WRVU 91.1
Multi-City Identifications
DE WDSO 94.7 Drive, includes Smyrna
IA Cedar Falls KNU 90.9 with Cedar Rapids-
Waterloo, no non-D (also mentions 94.3 in the
Quad Cities in its ID - their translator)
NC Gastonia WZLX 101.8 adds Charlotte; Y (not D),
102-FM (not 2-102)
VA Tuley WESR 103.3, includes Onancock (radio
stand for "Easter Shore" of VA) Radio)
SCA (f67 kHz)

AL Muscle Shoals WLAY-FM 105.6 no music;
only Larry King from Mutual, no other Mutual
AZ Tempe KUPD 97.8 no SCA; telemetry only
IL Chicago WZFM 105.9 TX (back on)
KS Liberal KSCS 99.3 TX (S Audio on main, no non-D)
MO Kansas City KOUR 98.3 talking back
NE Lincoln KLIN-FM 107.3 TX
PA Pittsburgh WPTT 92.9 occasional TS (sports)
NJ Trenton WPTT 97.5 ethnic (foreign language, but
reporter not familiar with the language)
TN Hendersonville WMAK-FM 92.1 no SCA
TN Jackson WKIR 104.1 no SCA (was A)
TN Lebanon WUSW 107.3 music
TN Nashville WWSX-FM 97.8 no SCA
TN Pulaski WMLG 98.3 music
TN Shelbyville WYCO 102.8 no SCA (correct calls
page 87, FM Atlas, C-103)
TN Tullahoma WSGY-FM 93.3 TX
TX Danville-Sherman KQSD 101.7 music
TX Wichita Falls KQOV 103.3 music
VA Richmond WEZS 103.7 no SCA
WV Wheeling WCPJ 98.7 no SCA, WANJ 107.6
music (no on main channel)
WV Cooper KAWY 94.5 no SCA (new 1 telemetry only)

Slogans and nonIDs
DE Rehoboth Beach WGBD 92.7 FM-02 (not aired)
IN Evansville WUEV 91.5 91.5-FM
IN Jeffersonville WDMF 95.7 DMF
KY Campbellsville WKCO-FM 102.9 0-104
KY Elizabethtown WQKE 100.1 E, The FM-100
KY Murray WAAJ 102.7 The FM Station
KY Paducah WJLW 96.9 Double DJ
KY Winchester WFMH 106.1 100-FM
MI Kalamazoo WKLT 97.7 98-Rock
MO Kansas City KBEO 104.3 0-104 (yoko select)
SC Laurens-Greenville WBSL 100.5 White-100
NM Albuquerque KRST 92.3 Crest Country-JR
NY New York WPIX-FM 101.9 no non-D
WNEW-FM 102.7 New-FM
WA Seattle KUBE 93.3 Cube 93-FM, still mono
TN Columbia WKOM 101.7 FM-102
TN Dickson WTHQ 102.3 0-102
TN Dyersburg WASL 100.1 Dyersburg-100
TN Franklin WIZO-FM 101.1 FM-100
TN Sevierville WUTS 91.3 Wuts-FM (from 91.5)
TN Signal Mountain WCSO 91.5 The Voice, Stereo
WY Cheyenne KKAZ 100.7, 2-100, use call
letters exclusively

FCC-FM

Facilities Changes
AR Batesville KZLE 93.1 870' (100000 h.v.)
AR Fayetteville KUAF 98.9 3000 (N); 285'
CA Alturas KQGX 94.5 10000 h.v.; 110'
CA Temecula KRTM 98.9 920 h.v.; 71'
FL Jacksonville WJAX-FM 96.9 910' (100000 h.v.)
WCRB-FM 107.3 60000 h.v.; 590'
FL Panama City WGNF 98.5 270' (100000 h.v.)
GA Savannah WAEV 97.3 460' (100000 h.v.)
HI Honolulu KQMD 93.1 78000 h.v.; 120'
ID Boise KBQI-FM 97.5 58000 h.v.; (2500')
IN Indianapolis WJCR 98.7 10000 h.v.; 500'
WJOL 98.1 130 h.v.; 110'
IA Iowa City KKRQ 100.7 100000 h.v.; 530'
KY Central City WKYA 101.9 adds vertical
LA Hattiesburg KHYD 91.7 250 (N); 68'
ME Augusta WFAU-FM 101.3 50000 h.v.; (315')
ME Lewiston WBLM 107.5 32000 h.v.; 620'

MA Andover WPAA 91.7 25 watts h.v.; 210' 1-210'
MA Warefield WGBN from 91.5 to 98.5 100 h.v.;
MI Mount Clemens WLSB 102.7 60000 (N); 410' h.v.
and directional antennas
MT Glasgow KLAB 93.5 300' (3000 h.v.)
NH Exeter WPEA 90.5 100 h.v.; 32'
NY Albany WGBB 96.3 100 h.v.; 210'
NC Concord WPEG 97.9 50000 h.v.; 390'
NC Durham WDCG 105.1 99000 h.v.; 1040'
NC Salisbury WNDN from 91.1 to 102.5
NC Winston-Salem WISN 97.1 100000 h.v.; (840')
OH Cleveland WDMT 107.9 12500 h.v.; 890'
OH On Graff WDOE from 91.1 to 103.3 12 h.v.; 23'
OR Salem KSKD 105.1 100000 h.v.; 1070'
PA Harrisburg WHPA 104.9 95 h.v.; 1420'
SC Laurens WSSL 100.5 1240' (100000 h.v.)
TN Knoxville WIMZ 103.5 100000 h.v.; 1850'
TN Lawrenceburg WDXE-FM 95.3 270' (3000 h)

TX Houston KLEF 94.5 1820' (100000 h.v.)
KIKK-FM 95.7 1820' (100000 h.v.)
TX Pasadena Houston KYNQ 92.6 1820' (100000 h.v.)
VA Harrisonburg WEMC 91.7 100; 205' (not
WEMA, as on page 24, FM ATLAS)
VA Manassas WEZR 105.7 35000 h.v.; 800';
presumably deleting directional antenna
WA Seattle KCMU 90.5 180; 170'
WV Shepherdstown WSHC 93.7 (from 88.7);
9 watts, minus 13 feet (local)
BC Vancouver CFOX 99.3 41000 h.v.; 304', direct-
BC Victoria CFSM 98.5 antenna from Saturn Island
to Triangle Mountain - presumably new HAAT
NF Stephenville 89.7 3500 watts
PQ Briary KCBJ-9 93.1 (from 96.1)
PQ Camp Fanning CKBJ-7 93.1 (from 96.1)
PQ Camp LG-2 CKBJ-2 98.1 (from 99.1)
PQ CAMP LG-3 CKBJ 98.5 (from 99.5)
CHLG 100.5 255 watts (478')
PQ Camp LG-4 CKBJ-1 98.1 (from 99.1)

READERS' REPORTS AND COMMENTS

Two readers reported on the new Dow-Jones, SCA-delivered financial news service, but the news items do not
disclose if this will be talking or machine-encoded, as received on ordinary SCA decoders. WPST 97.5 Trenton
NJ says this 3-4 times per hour: "Superstar station WPST, now being specially carried on satellite Western-3."
In Oklahoma KWGS 98.5 Tulsa is seeking listener support to increase its power and replace an ancient trans-
mitter. Jim Ayers has this to say about a station not too far from him that's been off the air for a spell.

WPMQ 91.3 Lebanon TN is back on the air after an absence of about 6 years. They'd been appealing their application ever
so often, I believe, for several years now just to keep their license from being canceled. WRVU 91.1 Nashville (adjacent channel)
applied to increase power from 430 to 4300 watts, and WPMQ, which wasn't even on the air at the time, objected. Then the FCC
issued the ultimatum to WPMQ: Get back on or else! Well, they're back on. Lebanon is a suburb of Nashville, so note what's coming
up: 4300 watts on 91.1 and x watts 91.3. A year or so ago, after WPMQ had been gone about five years, an official found the WPMQ
transmitter at the tower site of a Nashville-FM station. It was being used as a backup exciter. Illegal! Well, Cumberland College has
WPMQ back on now. Lebanon is 25 miles from my shack, and it's evident that the station isn't using the 480 watts listed in the
FM Atlas. This is obviously a real flea-powdered operation. It has to fight for its life to be heard here through co-channel Murray KY,
119 miles away! I want all my fellow DXers to know that when you're logged WPMQ, you can rejoice in a true piece of DX! My
friends, the elusive WPMQ is BACK! (Last news: WPMQ has applied for 500 watts on 91.5!)

Jim says I erred in the book when I show WYSH-FM Clinton TN on 95.3, not 104.9. Even though it is on the air on 104.9, it is slated
to move to 95.3; you may wish to add a temporary notation that it is moving from 104.9 on the map.

Pat Durkin reports on another station back on the air. "WML-FM 106.1 MHz, Waukegan WI, is back on the air in stereo, using a
country-western format. (They weren't in stereo when they went off the air a few years ago.) My brother says they came on the air
around February 15th." WBLA 105.9 Washburn WI, stereo, comes in unusually well at 170 miles, and they carry the "Larry King Show."
WQRS 105.1 Detroit is experimenting with something called Sonic Holography, while WENB 89.9 Grand Rapids hopes to have stereo
in about four months. Ronald Purdue says KWKW 96.7 Rochester MN is simulcasting with KOLM (A1) weekday mornings
with country music; the rest of the day is automated rock. "The FCC has yet taken no action on KPSI-FM interference to KAAL-
TV channel 6 in Austin MN."

Two readers sent word that Simon Geller has lost his license for WVCA 104.9 Gloucester MA to a group trying
for his license since 1977. "Geller is fighting and asking donations to hire a Washington lawyer. "WVCA
operates 10 am to midnight, heavy classical, mono, almost no commercial income. Barely subsists on listener
income." KCFR 90.1 Denver is being "disassociated" from the University of Denver, as they cannot afford it,
apparently. They want to embark on some ambitious projects anyway, such as flooding western Colorado with
FM translators with KCFR's signal on them all. A customer of mine is working to legalize low-power FM radio.

Some strange news from New York - DeRuyter has a rock station on 104.3 (WVKGW Utica, or WOIV
105.1 De Ruyter?), and New York state has a new rock station on 107.7 (Wethersfield? or Cherry Valley?).
When WNTQ 93.1 Syracuse changed to rock this reporter said: "All this area needs is another rock station, as if
we didn't have enough already."

Thomas D. Haskett, production engineer, and helping with a HAP project, at WGVF 98.7 Gary IN, sent me
a 1971 post card reporting reception of WGVF in Milwaukee. He said, "In the 20-some year history of WGVF,
your card was the only correspondence from a DXer. It just goes to show what 2100 watts will do for your
listening and audience figures. In our case nothing." My card had two 3¢ Thomas Alva Edison stamps on it.
In Michigan, WSRX 98.5 Allendale is to be increased in power to about 100 watts, student operated, but will
change calls to WGVG-FM. WKJR-FM 101.7 Muskegon Heights expected to change from q to m (beautiful
music). John Ebeling asked how my Muzak testimony went. Unfortunately, the case was settled out of court,
with Ag-Tronic, Inc. agreeing not to play Muzak. The lawyer spent a lot of time on the case, including an entire
afternoon at my house.

Some of the Canada station information sent by Walter Patton includes stations or translators picking up the
CANCOM satellite. Much more is incomplete, giving only small towns, but no frequencies, etc.

CONTRIBUTORS: Frank Aden, Jr., Portland OR; Jim Ayers, Murfreesboro TN; P. Boersma, Spring Lake MI; D. Burtin,
Siliwater OK; A. James Cameron, Brooklyn Heights NY; John F. Combs, Orlando FL; Dave Cox, Birmingham AL; Michael Dorrer,
Jr., Metairie LA; Pat Durkin, West St. Paul MN; Eric Fader, Bayville NY; John Ebeling, Bloomington MN; Lawrence J. Ernst, Ann
Arbor MI; Mike Friend, Jr., Petersburg VA; T. D. Haskett, Gary IN; Nick Lombardi, Atlanta GA; John McDonald, Kearney NE;
Gregory Miller, Silver Spring MD; David J. Nieman, Alton NY; B. Passante, Wilmington DE; Walter Patton, Montreal PQ; Ronald
J. Purdue, Byron MN; Richard M. Perrin, Wells ME; Robert E. Schweitzer, East Brunswick NJ; Eddie Scott, Syracuse NY; R. H.
Wilkinson, Bloomington MN.

NEW ELECTRONIC GOODIES CATALOG - from "FM ATLAS," 4616 Avenue "E," Kearney NE 68847. Print version is free
for the asking. Cassette version for the print hand/capped is \$1.00. This is our catalog No. 4 for 1982. 73

QSL CORNER

Thomas J. Yingling, Jr.
221 Pinewood Road
Baltimore, MD 21222
phone 1-301-282-5649

FM-QSL

- AR KFIN 107.9 Jonesboro, P. O. Box 1691, 410 S. Main, 72401. Letter from Larry A. Duke, Pres. send also promo package. Chernos
- IL WBYG 99.9 Kankakee, Box 183, 60901. Letter from Howard S. Dybedock, Gen. Mgr. who also invited me to tour their studios when in town, reply in 5 days. Durkin
- IN WSND 88.9 Notre Dame, Box 532, 46556. Letter from Tom Messinger, Station Manager reply back in 9 days. Durkin
- KS KLZR 105.9 Lawrence, Box 3007, 66044. Letter from Bob Newton, Operations Manager, send back my prepared letter. Eddie
- KY WMSK 95.3 Morganfield, Box 369, 42437. Send letter, & coverage-map from Rick Woods, also send info sheet on station. Eddie
- WABD 107.9 Fort Campbell, Box 521, 42223. Letter from Don Bilyeu, GM Eddie
- MO KSYN 92.5 Joplin, Box 1747, 64801. Letter from William B. Neal. Chernos
- KITS 94.7 Springfield, P. O. Box 1806, 65805. Letter from Keith Olson, CE. Chernos
- MT KIDX 98.5 Billings, Box 30198, 59107. Letter from Randall Rocks, CE in 5 days. Durkin
- KPQX 92.5 Herve, Box K, 59501. Letter & copy of program log for time I reported from Lee Barrett, CE, who also mentioned that ham radio operators in his area worked MI & WI repeaters on 2-meters during same time, reply back in 4 days. Durkin
- NM KBTM 94.9 Roswell, Box 910, 88201. Letter from Robert F. Zukowski, CE who says he also noticed E's & strong Ir in NM in late June. Reply in 9 days. Durkin
- NY WRVO 89.9 Oswego, State University College, Lannegan Hall, 13126. Letter from John E. Krause, Dir. of Operations, reply in 2 weeks. Ross
- WMHR 102.9 Syracuse, 4044 Makyes Rd., 13215. Nice letter from Gordon Bell, GM, also send relig. pamphlets. Chernos
- WZIR 98.5 Niagara Falls, 2692 Staley Rd. Grand Island, NY 14072. Letter from Bill Nichols, Director of Overseas Communications (?) Chernos
- WGRQ 96.9 Buffalo, 464 Franklin St., 14202. Letter from K. Westland, CE, send a nice glossy card of antenna tower on qsl card. Chernos
- OK KOSU 91.7 Stillwater, Oklahoma State University, Journalism & Brcd. Bldg., 74078. Letter from Dan Schroeder, CE send cloth stickers & program guide. Chernos
- KRAV 96.5 Tulsa, P. O. Box 746, 74101. Letter from Johnny Bridges, CE. Chernos
- KTEN 93.3 Ada, 1600 Arlington St., 74820. Letter from Roman Alis, wants me to listen a show every night (good luck, I don't get E's on a regular schedule)Chernos
- PA WDSY 107.9 Pittsburg, 107 6th St., 15222. Letter from Ted Shohier, Program Director, with reply in 6 weeks. Ross
- RI WHJY 94.1 Providence, 115 Eastern Ave, East Providence, RI 02914. Return my report in 1 month, with confirmation scrawled on it by C. Philul (?) CE. Wood
- TX KVLV 91.3 Beaumont, P. O. Box 10064, Lamar University Station, 77710. Form letter on report was signed by Barrell Brogaou, PD & received in 10 days. George
- KTXT 88.1 Lubbock, Texas Tech. Univ. Box 4080/box 4710, 79609. Letter from Mark Slusker, Station Manager, with program menu in 8 days...a week later I received a memo & bumper-sticker from Mark Norman, GM. George
- KSEL 93.7 Lubbock, Box 16740, 79490. Form letter signed by Steve Coggrus, PD in 6 days. George
- KPMX 94.5 Lubbock, P.O.Box 12030, 5613 Villa Dr. 79452. Letter from Bo Jagger, PD. business card, & rockard discount coupons in 9 days. George
- KOUL 103.3 Corpus Christi, P. O. Box 898, 78403. Letter in 8 days from CE. George
- KBOP 98.3 Pleasanton, 715 M. Main, Drawer U, 78064. Memo, specifically worded in 10 days from Norman D. Phillips, GM. Said most distant report received from some location in Florida. Enclosed data card & 2 bumper stickers in English & Spanish (AM affiliate is part-Spanish). Wood
- KESS 93.9 Ft. Worth, 661 Seminary South, P. O. Box 6195, 76115. Unsigned letter & bumper stickers in 1 1/2 weeks. Reese
- VA WVMR 89.1 Roanoke, Box 4195, 24015. Card from North Barker, CE in 2 weeks. Reese

Reporters this time around are:Chernos, Durkin, Eddie, Ross, George, Wood. As you can tell I got a new typewriter. Just a little reminder to reporters, when reporting, use the above style. State, call sign freq./ch. city, address, & comments. This is just a reminder for those say report. Remember if you have any qsl cards, fo dial cards, send in for use in column, send to me & I will send back to you. Show off your QSL rewards of those QSL Cards as you find for. 73a

SOUTHERN FM DX

Danny Buntin
1312 N. Skyline
Stillwater, OK 74074
DEADLINE: 5th

May 1982

For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MS, NC, NV, NE, OK, SC, TN, TX, UT, VA & WV.

TROP APPROACHING 700 MILES, AND E-SKIP FROM CENTRAL AMERICA HIGHLIGHT MARCH DX

Ken. Simon, 513 6th Ave. S., Lake Worth, FL 33460 - Aug. 7 to March 26 EDT/EST	12/31 tr, cont.
8/7 '81 Ea	2203 KAPM 92.5 TX Dallas, "Stereo 92" D-FW
2033 WUUU 107.1 NJ Longbranch, local ad	3/4 '82 Ea
2035 WOCG 106.9 CT Hartford, local ad	2000 ---- 93-- Belize BELIZE w/ax, ES
2039 WKOI 101.5 CT Hamden, CT 101 ID, 1. ad	2009 HR-- 89-- San Pedro(Gula)? Honduras
2045 WHTN 93.1 MA Springfield, local ad	R. San Pedro
2052 WLMW 93.7 CT Hartford, SS music	2014 TG-- 88.1 Guatemala City, Feb? ID? Feb? ID?
2053 WKLS 98.3 CT Willimantic, Amston sent.	2015 TG-- 88.8 Guatemala City, Pres. Lucas
11/28 tr	Garcia mentioned.
0937 WUPT 89.17FL Gainesville, "Classic 89"	2047 YE-- 96.9 unID Salvadoran M/A chines
12/31 Ea	Salvadoreno mentioned.
2105 unID 93.3 "Checker 93", k, CST	3/26 Ea
2127 KVTI 91.7 TX Dallas, g, ID	1412 WQCS 88.3 FL Ft. Pierce, c&j, MFR
2132 unID 93.1 w/ad mentioning Pineville	(new to air)
2153 KITV 92.9 TX San Antonio	

Jim Pizzi, P. O. Box 1778, Lovington, NM 88260 (505) 396-3432 - March 12 to March 18 MST	3/18 tr, cont.
3/12 tr (MST)	0203 KTCM 106.3 TX Belton, ABC nx, ID, k 368
0824 KWEE 104.1 LA Monroe, tent, EL	0209 NHCB 105.7 TX Houston 315
(most D-FW stations in w/good signals)	0227 KRBE 104.1 TX Houston, ID, r 515
0830 KXUJ 102.5 TX Lubbock, \$k, K-102, new	0232 KBFM 104.1 TX Edinburg, r (You need 554
3/17 tr	go back over this one, JP, see my report, DE.)
0900 KSLM 104.1 TX Brownwood, ID 265	0252 KHCO 99.9 TX Waco, "FM-100", wx 368
2237 KLSR 105.3 TX panhandle area??, "Lone Star Radio" +ID, k	0302 KDEL 97.1 TX Ft. Worth, r, "The Eagle"
3/18 tr	0305 KLVU 98.7 TX Dallas, "Love Radio", r
0113 KKKX 105.7 TX Longview, ads 502	0308 KICU 96.5 TX Corpus Christi, ID: 30 505
0117 KQXT 101.9 TX San Antonio, \$EL 380	0313 KICU 96.1 TX Marlingen, SS, ID 576
0120 KTFM 102.7 TX San Antonio, \$r 380	0318 KVIC 95.1 TX Victoria, ID 468
0122 KVAR 104.5 TX San Antonio, SS 380	0322 KHAA 93.1 TA Reynosa, SS, k ax(sort of)
0124 KLLS 100.3 TX San Antonio, \$r, "Class"	in SS 564
0127 KPMF 96.1 TX San Antonio, upbeat g ax 368	0914 KAEZ 107.7 OK OKC 380
0130 KABI 89.3 TX Dallas, g 368	0925 KANG 92.5 OK OKC
0132 KAJA 97.3 TX San Antonio, "EJ-97 FM", k, ID: 0134 380	0926 KERC 94.7 OK OKC, general contest rules
0145 KNCN 101.3 TX Sinton, \$r, "C-101" 485	0928 KXYK 96.1 OK OKC, "96 rock"
0156 KBUK 107.5 TX San Antonio, \$k, "B-U-C" 490	0931 KLNK 98.9 OK OKC, ID
0159 KJCV 106.9 TX Comroe, g(EE) 490	0933 KATI 100.5 OK OKC 380
0202 KESI 106.3 TX Terril Hills, ID 380	0937 KVAS 101.9 TX Amarillo, g 184
(KTUP in FM Atlas) "The Easy One"	0939 KJVO 102.7 OK OKC, m 380
	0943 KOFM 104.1 OK OKC, ID, r 380

3/18 trop was great--best so far at this location. 31 new plus many TX relogs not listed here. Most signals reached full quieting during this opening. Vertical 10 element antennacraft ant. @30' should be up in April. JVC VT-900 still in shop--sure could have used it on 3-18, looking forward to some E's this spring. 73.

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74074 - March 8 to April 6 CST	3/18 tr
3/14 Ea	2100 KKKK 100.7 KS Herington, r, ID
0001 KNYZ 104.5 OK Pryor, ID testing after being off since last fall. now a	"K-101" (from 100.9)
3/15 Ea	verified
2009 KUAL 103.1 OK Enid, ID, a, new to air 55	3/19 tr
3/17 tr	0137 KNCN 101.3 TX Sinton, ad, "C-101" 570
0739 KLBJ 93.7 TX Austin 410	0149 KLOL 101.1 TX Houston, ID 460
0800 KNCT 91.3 TX Killeen, ID 350	0202 KRVB 88.1 LA Lafayette, a/off, 3kw 505
0804 KWTX 97.5 TX Waco, ID 320	0233 KVLV 107.9 TX Edinburg, a, wx, ID 685
0815 KFAW 101.1 TX Fredericksburg 420	"K-Valley"
	0243 KIEA 99.1 LA New Iberia, ID 520
	0251 WOKW 92.3 LA La Place, ID, k 570
	0259 KAJW 102.9 LA Crowley, ID, g, UFI n:800

NORTHERN FM-DX

Ralph Strobel, editor
2300 E. McCalliard Rd.
Muncie, Indiana 47303
Deadline: the 5th

MAY 1982

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

Mike Bugaj - 69 Sherman Rd. - Enfield, CT 06082

Not too much DX to report this time. Unfortunately, I had a back injury in Sept. 81 and spent three months out of work. During that time, DXing really wasn't on my mind much. On 8/26 there was a real good tropo opening to Detroit from 7-11 PM. Many relays were heard and new reception of CKLW 93.9 at 2005 (CKLW FM Stereo Country), WLBS 102.7 at 2045 (ID and disco), and WQRS 105.1 at 2235 (concert mx). This was the strongest I've ever heard from the Detroit area. 9/2 had very strong tropo from New Hampshire. WNNH 96.7 and WLNH 98.3 are both new loggings heard around 2130. 9/15 heard WRVW 93.5 (ex-WHUG), in stereo now. 10/30 had tropo to the west; heard WPNT 92.9 at 2115 among others. 12/4 saw WCGH moved to 103.5 in stereo. Forget any more aurora on that frequency. 1/1/82 and 1/12/82 had Es openings, but too brief (MUFs were up to 95.5). If you didn't catch them, you didn't miss anything. 1/28 saw new station WRVH 105.5 Patterson, NY on the air in \$. What a winter! First my back craps out, then the coax unscrews out of my AG-4990 and falls out, leaving me with no good UHF for three months, and then my Alliance U-100 rotor for FM freezes up and dies. At least for now the worst is over; my back is better, I managed to fix my UHF connection (screwed that little sucker in tight, and will get a new rotor as soon as I get my tax refund).

I'd like to add a couple thoughts about some things I read in the Feb. VUD. First, I've been FM DXing since around 1963, when I was in junior high. I wrote to FM stations for veries, and I still do have some classic QSL cards from the period 1963-1970, and it still is a kick to look through them. I know what it's like to QSL stations and I appreciate the fact. However, what I really wish is that I had the tapes of those receptions. Those would be more valuable to me. I feel that my tapes ARE my veries. Nobody is going to tell me that I've got to start mailing out reception reports again. That's about as obsolete as AM radio. If you want to send out reports, then fine, go ahead. And if you don't, then that's ok too. Also, over the years I've DXed BCB, FM and SW. I never count call changes or frequency changes. Not unless WZZZ picks up all its equipment and moves, taking its tower along. It's silly. WZZZ is just the same old station, only with another call or a different frequency. I just can't see it. Well, that's it. Total logged (heard) now is 1100, and proud of it, hi.

(Editors comment: I agree with you. However, I have chosen to follow the rule which permits one to count frequency changes. The majority of FM DXers do count a frequency change. At the Oklahoma City convention last summer, club members voted NOT to count call letter changes. Those who have counted call changes or stations from more than one location are nothing more than cheats and frauds! Can you imagine someone such as our top FM DXer Andy Bolin going back through his log trying to total hundreds of call letter changes? Impossible! Andy has told me this is the most ridiculous thing he's ever heard of and I certainly agree. If one wants to count call changes, we should have a separate column for number of call letter changes heard. Then the number of call changes should NOT be added to the DXers total. I am tired of reading comments each month regarding the counting of call changes. If anyone has sent Fred Nordquist totals which include call letter changes, their total should be removed from his column. It was a mistake for a club member to even mention such absurdity. Why can't we all abide by rules which were set down years ago by our top DXers of this club? Neither Bob Zent and myself have counted 88.7 WOBO Batavia, OH, as WOBO uses WCNE's transmitter. Now that I have commented on this subject, I am hoping this will conclude any further controversy regarding the counting of call changes. The majority of club members have voted no. Certainly there are more interesting topics to be read and discussed in the VUD than this!-RS)

Tip for all DXers: If you will be on vacation this summer, do not leave your TV or stereo equipment in your home where it could easily be stolen by thieves. In the past, a number of DXers have returned from vacation to find their property ripped off. Two summers ago when I went to Europe, all my stereo equipment was taken to Dave Brumfield's house where I knew it would be safe. If I am unable to do this, all equipment is locked in a closet behind a locked bedroom door. Play it safe!

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NORTHERN FM DX

MAY 1982

Daniel E. Cetting - 2882 Old Cedar Grove Rd. - Broomall, PA 19008
Equipment: Panasonic RF-2600 w/Archer 10 element log yagi directed to the NW at 25 ft., and GE 7-2880B Superadio.

2/5 tr
0130 W249AA 97.7 PA Lebanon, g WKHM ID

2/16 tr
2256 WGSU 88.9 PA Selinsgrove, pr

3/1 Au
1803 WBUF 92.9 NY Buffalo, r, mx, & ID
My first Au catch.

3/15 tr
2032 WYRK 106.5 NY Buffalo, k

3/17 tr
1727 WIPR 91.3 PR San Juan, SS, mx
Mentioned PR, no ID at 1730 (PR? in on TV)

1735 MUF off FM

3/18 tr
2158 WYRK 106.5 NY Buffalo, ID

2209 WDBA 107.3 PA Du Bois, g

3/20 tr
1432 WBSQ 97.7 PA Jersey Shore, r, ID,
WPST 97.5 off

The logging of W249AA Lebanon, PA (66 miles distant) was quite interesting. The signal strength was fairly good, but there didn't seem to be any tropo to speak of. The station came in again on several days in early February, following the 5th, but has not been heard since. They must have been testing with a directional antenna. The aurora on 3/1 caused many frequencies on FM to be jammed with stations from about 1800-1845. There was some aurora induced Es on TV, but the Es MUF didn't reach FM. WWV reported an A-index of 73 for 3/1. 73 is the highest A-index since the fantastic aurora that occurred on 4/12 & 13 last year. The A-index that time hit 105. Unfortunately, I missed the aurora DX then. FM DX is beginning to perk up with the increase of tropes and even Es! Let's have some fat tropes and super intense E-skips this summer. Log totals: 421. 73's Dan

Eric Fader - 23-35 Bell Blvd. - Bayside, NY 11360
DX from West Philadelphia using Technics SA-202 and bowtie

12/15 GW (1981)
1850 WHPH 91.7 DE Wilmington, s

1/15 GW (1982)
1900 WOEL 89.9 MD Elkton, freq. change,
louder than used to be on 88.3. s/off 1900

1/20 tr
Slight tr to DE, MD & DC, 1130 - noon.

2/5 tr (Mostly NY & coastal NJ)
1054 WPAT 93.1 NJ Paterson, first time
heard due to WMMR on 93.3

2/15 tr & 2/16 tr
First to NYC area; later on to MD/DC

2/18 GW/tr
1332 WCTR 92.1 PA Palmyra

1350 WNAS 94.9 PA Harrisburg

3/22 tr
0100 Locals WXPW 88.9, WMMR 93.3, WCAU 98.1,
WEAZ 101.1 & WSTW 93.7 all off &/or test-
ing. Band absolutely dead for tr, unfort.

3/24 tr
1900 NJ coast down into MD & NYC

2010 WGH 97.3 VA Newport News

2020 WESX 103.3 VA Tasley-Onancock

3/24 tr
1436 CJQR 97.7 OH St. Catherine's, ad
for St. Catherine's and Niagara Falls 290

1553 WDNH 95.3 PA Honesdale, rm, ID

2300 WPNT 92.9 PA Pittsburgh, m

2334 WKSU 89.7 OH Kent, j

3/21 tr
0033 WDMT 107.9 OH Cleveland, s, ID 340

0046 WJAC 95.5 PA Johnstown, s, ID

3/25 tr (coastal fog)
0840 WBBB 89.7 MA Boston, c 275

0842 WRCH 100.5 CT New Britain, m

0850 WKCI 101.3 CT Hamden, r

1035 WXTN 104.1 MD LaPlata, rm

1835 Tidewater, VA relays

1843 WQZQ 92.1 NC Moryock, k, "Q-92"

1924 WOBH 95.3 NC Wanchese, m, ID 285

1940 WHOV 88.3 VA Hampton, sj

2030 WMDH 97.7 MD Lexington Park, r

2057 UNID 91.1 ?? WNEB Norfolk?, j

17

MAY 1982

John A. Callaman - 1122 Maple St. - Mt. Vernon, IL 62864

Though winter is traditionally the season for broadcast band DX'ing, I have continued to explore the FM band, with somewhat disappointing results. I'm disappointed because I'd expected conditions every day to be like they were the first day I had the new antenna system up, but it happened to be a good day. Here are my results:

December 6 - One of the more difficult Nashville stations made it - WKDF 103.3, 2200 closing "King Biscuit Flour Hour." KMOX is exceedingly strong here.

December 7 - Morning hours after one of my last 8 a.m. newscasts found an opening to Oklahoma City. Logged and taped were KNGG 92.5 very strong with beautiful mx; KATZ 100.5 presumed at 0908, taped but not counted because all I got was "The Cat" and "Rock-103;" KLTZ good on 101.9 through 0930, with KBTM Jonesboro, AR. Later, WKYA (ex-WNES-FM), Central City, KY logged with rock and "KY-102" non-ID, not to be confused with KYIS 102.1 Kansas City, also "KY-102." Also added was KTTS-FM 94.7 Springfield, MO, calling itself "Old Barefoot."

December 20 - KLPW-FM Union, MO heard for the first time at 1906 and KTUI Sullivan, MO calling itself "KT-101," also in early evening, but squeezed. Later, a nice tape of s/off of WGPC 88.5 Gallatin, TN on final broadcast before Christmas holiday at 2155.

January 3 - Very good tape of WXTZ 103.3 Indianapolis; same comment as WKDF 12/6. WVLK-FM Lexington, KY faint through KGRG at 2300 s/off, with WSEI off.

I took a hiatus for nearly two months, checking periodically, but finding little.

February 25 - Super power WOOD 105.7 Grand Rapids, in well with beautiful music 1932 to 2000, but nothing else from that area. I checked all other SW MI frequencies without luck.

March seems as bad as Bob Cooper's month-by-month rundown in the 10th anniversary issue, but a few new stations were added.

March 10 - The new WXAN Aka, IL is on the air with gospel programming. Taped at 2000 break on 103.9; first station on this channel besides WNOI. Also, WNIW 88.3 Evansville, IN is on. Went through 1900 station break with only "FM-88" and no legal ID, but taped the legal at 2100. Plays mostly classical music. I've never captured WPSR 90.7. Does it exist? (Yes, it's there, and on in the summer. If WPSR hasn't increased power yet, don't expect it to get out well.-RS)

March 15 - WKBJ-FM Milan, TN 92.3, country music, finally out through WIL-FM 0913 to 0933. WZXR Memphis, "Rock-103," the last of the Memphis commercial stations to be logged, taped with DJ "Red Beard" and hard rock 1608-1650.

March 17 - Chicago tried to break thru, but weak. WFTZ 103.5 heard for first time at 1904; WAUR 107.9 unneeded also in, but nobody else. Two of my last three or four stations within a 100 mile radius were heard - WSHY 104.9 Shelbyville, IL and WMSK 95.3 Morganfield, KY. WFTW, WTAO and WCBW are very tough to get through on 104.9, and WRLX 95.3 is the second closest station to here. (March 21 and 28, WRLX was off early Sunday evenings, but nothing could be pulled through those dates).

March 20 - KPMH 99.7 Muscatine, IA. (Member Allen Millmaker's favorite station), was heard briefly about 1845, but for call letters only and a little bit of music in a short burst. Quincy, Rock Island, etc. faintly detected.

March 21 - WSEI 92.9, one of my locals, apparently is off Sunday evenings, and WZEE Nashville was strong; WVLK in much better than January 3, and at 2138 a trace (with definite "FM-93 WJAI" ID) for the Eaton, OH country music station. WZEE and WVLK both play beautiful music, and thus make the frequency confusing. There were traces of other potential Cincinnati stations but opening was weak and short. Nothing else from Lexington detectable, all needed. WQMF 95.7 for ID at 2300, no longer calling itself "Kick-Ass Rock 'N Roll," but using "Rock-96" non-ID. (I noticed too. I wonder if WQMF is having the same legal problems as WFBQ?-RS)

March 28 - My hardest to hear Central Missouri Class C - KRBS 104.7 taped at 1930 for the first time. I've tried every time I've listened for the past two years for this one. WPMW back-of-the-beam seems always strong, but WFTW 104.9 is toughest row here. KBIA 91.3 unusually strong 1935-2000, and there were traces of signal on the weaker Columbia, MO stations frequencies, but nothing I could dig out. Noted in passing - KTJJ 98.5 Farmington, MO now non-ID's as "Regional Radio J-98" instead of old "98.5." Still country music.

I have failed to note instruction in the VUD as to what time zone to use. All times, thus, are CST. (This is correct. When you go to daylight savings time, then use CDT.-RS)

I am looking forward to some real tropo and E-skip this spring and summer now that all the regulars are taped. 73, John (Don't worry. With your antenna system, you are soon to be in shock! You will be pulling in stations you never thought possible. Too bad you weren't DXing 1980, one of the finest summers for FM-TV DX-RS)

MAY 1982

Mike Ehrhardt - 13515 Broadway, Lot 98 - Alden, NY 14004

Equipment: Kenwood KR-5030, stacked Winegard antennas w/rotor at 30 feet.

1/3 tr	1121 KSUC	88.3 TX Keene, ID, nx	2/15 tr	1830 WDFR	90.9 MI Detroit
1131 KATW	92.5 TX Dallas	1835 WTVR	92.3 MI Detroit, "Tower-92"		
1147 KIKS	93.3 TX Killeen	1846 WNIC	100.3 MI Dearborn-Detroit, "Detroit's Nicest Rock"		
1625 KOKE	95.5 TX Austin, time, ID				
1630 KWJE	94.9 TX Arlington, "Metropolis nx"	3/14 tr	1021 WGNR	101.1 PA Tyrone, ad, ID	
1636 KWFX	97.5 TX Waco, "FM-97"	1735 WKWK	97.3 WV Wheeling, ID, "WK-FM"		
1647 KMGK	102.9 TX Dallas, "Magic-102.9"	3/19 tr	1047 WMTQ	93.1 NY Syracuse, "93-Q"	
2/13 tr	1030 WAMU	88.5 DC Washington	1050 WNCQ	97.5 NY Watertown	
1841 WCUC	91.7 PA Clarion	1059 WRCK	107.3 NY Utica, "Rock-107"		
2/14 tr	0115 WSTW	93.7 DE Wilmington	1101 WZKZ	106.1 NY Corning, "KZ-106"	
				(New underlined)	

I'm a good friend of Dave Nieman, who lives about 10 miles north of me in Akron, NY. Dave got me interested in FM DX about a year ago. Before that, I was into VHF utility DX. FM DX seems a lot more interesting. I've been busy experimenting with different types of antennas. Being new to this, it'll take time to find the best for my area, although the stacked array I have up now seems very good, with excellent back rejection which I need for the strong Canadian stations to the north. On 2/14, WSTW wouldn't have been possible if not for WBLK being off the air. They've been having mixer problems, with lots of spurs across the dial. That's all for now. Hopefully will have a report every month.

Ernest R. Cooper - 3 Anthony St. - Provincetown, MA 02657

WOMR 91.9 Box 82, Provincetown, went on the air for the first day of regular sked on Sunday March 21 at 5:00 PM. We will be on 6 AM to midnight daily with a combination of jazz, classical, folk, and band music, plus public service programs. I will have a one hour program of military and college marches every Saturday morning from 11:00 AM till noon. If you are within earshot, please tune in! WOMR is a non-commercial community educational station. If anyone has any air-playable records you can spare, we need and want them, as our budget is tight, being entirely community supported. I would love to receive record albums of marches, both American and foreign for my program if anyone will give, lend, or sell such! College marching bands, service bands, or bands like the Goldman Band, Band of America, etc. are particularly desired. Thank you! WVCA 104.9 Gloucester, MA has lost its license and will soon be leaving the air. It is now a one man "K" station, and the FCC has denied his renewal claiming he does not operate the station sufficient hours. So another colorful and different FM station bites the dust losing out to \$\$\$ big business. There's been a sign of possible early spring with GW signals coming in occasionally up to the 200 mile range. We can use it both DX-wise and fuel wise! C U Soon! Ernie

David J. Nieman - 12284 Nice Rd. RR 3 - Akron, NY 14001

Equipment: Sansui G-8000, stacked 3-Probe 9's at 30 feet. *ID on tape.

2/24 tr	1400 WVAS*	88.1 PA Williamsport, r	3/11 tr	1250 WCVT*	89.7 MD Towson, pr	260
3/2 tr	0126 WPCM	101.1 NC Burlington, k	3/23 tr	1400 WSOV*	89.5 NJ South Orange, r	260
0201 WCLT	100.3 OH Newark, L. King show	295	3/27 tr	0905 WUWU*	107.7 NY Wethersfield-East	25
3/3 tr	1137 WBJR*	90.5 NJ Lincroft, r			Aurora, pr, "Woo-Woo," ex-WBIV	
3/4 tr	1306 KPNF	101.1 KS Oberlin			(New underlined)	
					The Best of DX, Dave	

Ralph Strobel - 2300 E. McCalliard Rd. - Muncie, IN 47303

3/20 tr 1450 WCCI 100.1 IL Savanna, k mono, ID, "FM-100;" relogs from IL IA & WI 280
 3/27 tr 0302 KFTT 88.1 TX Lubbock, ID, Antenna pointed to NW, previously E 1070
 3/29 tr 0200 WBNL 89.1 IN Fort Wayne, j mono, s/off, ex-WIPU; NE IN Pub. Radio 60
 3/31 tr 0813 WCLV 95.5 OH Cleveland, IDs, nx, wx, ads, c#, all Cleveland heard 200
 In the March NFM, page 19, the right hand column of Dave Nieman's report should have begun with 1/14 tr, not 1/4 tr. My mistake! 3/20 found a good opening to the areas mentioned, while 3/31 found Cleveland stronger than ever before. WCLV was clear and heard o/WFMS, WCEY, and WHOK. No DX here now as it is snowing on 4/5 & 4/6! 73, Ralph

EASTERN TV-DX

William J. Draeb
Ellis St. R.R.#2
Kewaunee, WI
54216

May 1982

Deadline: 1st

Christopher Hanley: 1125 Bolton St., Winston-Salem, NC 27103 EST
"Here's my report for this year so far, such as it is. Actually, things are just getting under way DX-wise here, but I'm sending what I have now to beat the April deadline. Log total is 76, with 44 VHF and 32 UHF. WLXI-61, a new indie, is scheduled to come on from Greensboro this summer. The owners claim it'll be very news-oriented--just what we need, more TV news."

March 1982	March 1982	March 1982
13 Tr 2118 WFDL-15 SC 130	13 Tr 2143 WRRT-49 SC 120	13 Tr 2200 WKFT-40 NC 102
2126 WLFL-22 NC 92	Spartanburg	Fayetteville
Raleigh	(was WRFS)	2208 WUNJ-39 NC 185
2134 WRLL-35 SC 145	2145 WJPM-33 SC 130	Wilmington

That's all for now. Thank you very much for your time and effort. 73's.

Peter Baskins: 3819 Kendale Drive, Gautier, MS 39553 CST

February 1982	February 1982	February 1982
4 Tr 1710 WFLA-11 GA	10 Tr 0615 KLFY-10 LA	23 Tr 0014 Austin 24,36.
(snowfree)	0630 KPLC-7 LA	0510 KTRK-13 TX
1725 Columbus 28,38	17 Tr 1920 Tallahassee	0511 Jacksonville
1730 Atlanta 17,30,	6,11,27.	U's.
36,46.	2028 W22AB FL	0548 KSAT-12 TX
1800 WCWB-43 GA	Panama City	0555 KVUE-24 TX
1815 WGTW-8 GA	(WFSU-11)	0604 KCTV-8 TX 720
1858 W68AH(WFNG-42)	2300 KGBT-4 TX	San Angelo
1930 WHTV-29 SC	(trouncing WML)	(s/w/KNOE-8)
2000 WRFS-49 SC 500	2310 Corpus Christi	0640 Huntsville 31
Spartanburg	6,10,16.	48.
(new WRRT)	2315 KVBO-23 tent.	1350 Tampa 8,16,44
5 Tr 0001 Savannah 11,22	(s/w/WSRE)	1400 WFTS-28 FL 400
0540 Atlanta's back	18 Tr 0015 KRGV-5 TX	Tampa
7 Tr 0810 Jacksonville U's	0114 KHX-10 NL 800	1430 Cuba 9, 11.
0813 WISG-31 GA 300	Mentorrey(s/eff)	1458 WDBO-6 FL
0829 WVGA-44 GA	0540 KSAT-12 TX	25 Tr 0459 Orlando 6, 9.
0830 WCJB-20 FL	0611 Houston 11,13.	0501 WCKT-7 FL
		0506 WESH-2 FL

"For reasons of space and time, numerous unimportant relogs have been left out. All in all, Feb. was a good month for DX. Let's hope it keeps up. (Let's hope it moves north-nd). Equipment: Sears 12" black & white set with Finco P-7 and Winegard ch-5200."

William R. Hepburn: c/o Transport Canada Training Centre, 1950 Montreal Road, Cornwall, Ont. K6H 6L2 EST
"Some Es in the first week of January was my last TV-DX from Niagara Falls - with station #240. Here in Cornwall, with rabbit ears & bow tie the following stations are received fulltime: CBFT-2, WCAI-3, CBOT-4, WPTZ-5, CBMT-6, WBNY-7, CKLT-7, CJOH-8, CBOT-9, CFTM-10, CFCF-12, CJOH-13, WNPB-16, CIVM-17, WAPI-18, WZF-22, CICO-24, CIVO-30, WETK-33, CBOT-40, WCFB-57, W6GAF, W6GAJ. The two xtrs repeat WZF-22. Some Feb. Trop was noted. Cornwall log at only 29!"

From Niagara Falls:

January 1982	January 1982
1 Es 1738 KFDX-3 TX t	4 Es 1302 KATC-3 LA 1170
1757 KPRC-2 TX 1285	8 Es muf ch.2
Houston	
1957 KETS-2 AR 910	From Cornwall:
1958 KARK-4 AR	(*Radio Quebec)
2000 KTRS-3 LA 1100	February 1982
2015 KDET-3 OK 1045	1 Es 1742 burst on 3
WBRZ-2 LA 1125	(cable)
3 Es 2018 muf ch.6	Tr 2152 WNPB-16 NY 98
4 Es 1214 muf ch.4	Watertown.
20 1239 WRBL-3-GA 820	2 Tr 1940 CKLT-7 PQ 110
	Sherbrooke

Eastern TV-DX
Ken Simons: 513 Sixth Ave. South, Lake Worth, FL 33460 EST

January 1982

5 Tr 1415 WAWS-30 FL

February 1982

20 Tr 0750 WCJB-20 FL

0800 WJKS-17 FL

WJCL-22 GA

WBCA-27 FL

WAWS-30 FL

23 Tr 2000 " " "

March 1982

4 Es 2000 2-6 unreadable

w/Spanish audio on 6 &

PM's to 97 Mhz to Cen-

tral America.

13 Tr ch.7; hvy ccl over WCKT.

16 Es 1900 ch.2-4 heavy ccl.

1909 TGV-3 Guatemala

City, Guatemala, \$6 mill-

ion Dollar Man(?). Ad for

Also, many P2 loggings of TF-1 and BBC-1 during the re-

porting period.

Greg Kelley: 211 St. Clair Ave. SW, New Philadelphia, OH 44663 EST

March 1982

1 Tr 1800 WPTO-14 OH 200 1 Tr 1830 Gw 1830 WOAC-67 OH 35 31 Tr 0700 WFFT-55 IN

Oxford

Canton

31 continued--U's in from Dayton, Lima, Bowling Green, Toledo, Detroit.

"On March 1st, WOAC-67 Canton came on the air with 138,000 watts. Even with my dish, reception is snowy, but watchable. Should any of you be interested in the Winegard preamps, I'm now able to get 'em. The AC-4990 for \$79, the AC -9880 for \$90, with several bucks for postage. Also if you guys could pool your orders for 12 preamps (of one type) then I could knock \$10 off each preamp. If interested, drop me a card.."

William J. Draeb: Ellis St. R.R.#2, Kewaunee, WI 54216 CST

March 1982

5 Tr 1738 KDNL-30 MO 432

1830 KCBJ-17 MO 450

6 Tr 0750 " " "

0810 KDNL-30 MO 432

2038 WCET-48 OH 400

7 Tr 2024 KDNL-30 MO 432

11 Tr 1902 " " "

12 Tr 0650 KHIN-36 IA 457

0722 WDRB-41 KY t

14 Tr 0748 KDNL-30 MO 432

18 Tr 1755 WMAA-17 MI 155

Grand Rapids

2000 WCET-48 OH 400

WPTT-22 PA 480

WCLX-19 OH 400

2033 WQEX-16 PA 480

22 Tr 2140 WPTT-22 PA "

23 Tr 0807 KDNL-30 MO 432

WKHA-35 KY 551

WCET-48 OH 400

0815 WSWN-47 VA 587

March 1982

23 Tr 0815 WKIX-19 OH 400

WKPT-19 TX t

24 Tr 2004 WTVQ-36 KY 473

WKLE-46 KY "

25 Tr 2001 WTVQ-36 KY "

WKLE-46 KY "

WCET-48 OH 400

26 Tr 1832 WTVQ-36 KY 473

WKLE-46 KY "

27 Tr 1530 KDNL-30 MO 432

2044 WCET-48 OH 400

2047 WKON-52 KY 437

2059 WKHA-35 KY 551

WKSO-29 KY 538

28 Tr 0840 WTVQ-36 KY 473

1135 KDNL-30 MO 432

1751 WCET-48 OH 400

1917 WKLE-46 KY 473

30 Tr 2035 CHLT-16 ON 272

April 1982

March 1982

1 Tr 1835 WCET-48 OH 400

1903 WPTT-22 PA 480

2 Tr 0545 KDNL-30 MO 432

WOUB-20 OH 453

WOUC-44 OH 427

WPHY-33 WV 498

WSPJ-52 OH 395

0557 WLYJ-46 WV 515

0602 WPD-42 OH 461

0613 WPH-53 PA 480

0623 WNEO-45 OH 406

0629 WHIZ-18 OH 400

0634 WCET-48 OH "

WBFI-64 OH t

0705 WPCB-40 PA 480

0725 WOAC-67 OH 395

Canton

WOPC-38 PA t

WPTT-22 PA 480

WTOF-17 OH 395

WPMJ-21 OH 420

WTV-33 OH "

Total now at 801. WMAA-17 has independent programming. Also saw WOAC-67 with a pretty snowy picture most of the time. At first I thought they were a translator. They I.D.'ed as "TV 67". I didn't see any call, just Canton. More DX next month. Hope conditions improve.-vd.



WESTERN TV-DX

May 1982

Once again, no DX has been noted here. Fortunately, for the column, tropo has continued in New Mexico, bringing in, among others, a mysterious Mexican UHF. This month, we also have further DX from Okinawa.

New New Mode Tentative - t Unidentified - und

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505-396-3432) Log Totals - 177 MST

March 1982

3 tr 0846 KNCT 46 TX 368 18 tr 0413 K57BB 57 OK 240
14 tr 2337 KIDZ 24 TX 282 (Duke) KAUZ- 60
(K24AD??) unid 24 10KHz
to KIDZ 0413 unid 60 ene
0416 KLTV 7 TX 466
0417 WAFB 9 LA 743
0419 KWTW 9 OK 380
0421 KMTT 12 TX 574
0424 KFDX 3 TX 282
0431 KOKH 25 OK 380
0436 KIDZ 24 TX 282
0443 unid 10 e
0445 KLRN 9 TX 380
0447 KOKI 23 OK 473
0448 K59AD 59 TX 270
(Perryton KVII- 7)
K8GAU 80 TX 200
(Estelline KPDA-10)
K77AQ 77 TX 200
(Estelline KVII- 7)
K7GAU 76 TX 240
(Wheeler cnty KPDA-10)
K75AV 75 TX 221
(Dodson KVII- 7)
K74CH 74 TX 196
(Carey KPDA-10)
0500 K72BZ 72 TX 196
(Carey KVII- 7)
0500 WRBT 33 LA 743
0501 KTEW 10 OK 397
0515 K65BC 65 TX 289
(Mullin KRBC- 9)
0516 KWTW 10 TX 368
0520 KJRH 2 OK 473
0521 KGMC 34 OK 380
0529 unid 60 ene KOSA
0541 KEDT 16 TX 505
0800 KLTZ 24 LA 539
0844 KGCT 41 OK 473
0849 KWET 12 OK 275
0855 KVIJ 8 OK 265
(under KSWS)
0943 KETA 13 OK 380
(under/over KLBK)
0945 KAUT 43 OK 380
2016 KTVJ 16 MO 516
2018 unid 19 ene
2025 D-FW all U's 368
2027 KXAS 5 TX 368
2030 KDFW 4 TX 368
2032 KLTZ 24 LA 539
2046 WGNO 26 LA 819
(confirmed by phone)
2048 WRBT 33 LA 743
2130 KSLA 12 LA 538

15 tr 0040 K58AH 58 NM 145 (Ruidoso KOAT- 7)
0043 K74DO 74 NM 123
0045 KIVA 7 TX 201
0600 K66BC 60 NM (Hobbs, w/ KIVA- 7)
(instead of KOAT- 7)
0800 D-FW 21,27,33,39
0830 KNCT 46 TX 368
17 tr 0750 Houston 26,39
0755 Austin 18,24,36
0802 KWEX 41 TX 380
0803 KNCT 46 TX 368
(above snow free, x26)
0841 KAMUT15 TX
0843 D-FW 21,33,29,27
*2305 X--- 34
2334 KVEO 23 TX 576
18 tr 0008 KVTW 13 TX 441
(a/off 0024, 8500 w)
0012 KSAT 12 TX 380
0020 KTBC 7 TX 377
0026 KTVT 11 TX 368
0028 WFAA 8 TX 368
0031 K12FM 12 TX 184
0033 KERA 13 TX 368
0035 KHOL 4 TX 380
0137 KRIS 6 TX 505
(3/4 CB w/ID a- tone)
0245 KTRK 13 TX 515
0304 KVEO 23 TX 576
(all night - 700 CL)
0348 K61AF 61 NM 123
0349 K61-- 61 ?? ???
0350 K55BQ 55 OK 240
(Duke w/KTVY KAMR-4)
0352 K53-- 53 ?? ???
0353 KTBO 14 OK 380
0407 K73AU 73 TX 221
(Dodson with KTVY-4
instead of KAMR- 4)
0408 unid 66 ene
0409 K64AX 64 OK 265
(Carter, KTVY, KAMR-4)
0410 K68AU 68 OK 265
(Carter KAUZ- 6)
0412 K82BB 88 OK 328
(Seiling KTVY- 6)

1 tr 0052 K13IL 13 NM 110 (Ft. Sumner KOAT- 7)
0056 K74DO 74 NM 123 (Forrest KOAT- 7)
0057 K65CB 65 NM 123 (Forrest KENW- 3)
0058 K55AM 55 NM 93 (Clovis KOB- 4)
0101 K57BR 57 NM 152 (Montoya KOAT- 7)
0110 K61AF 61 NM 123 (Forrest KOB- 4)
0112 K59BD 59 NM 152 (Montoya KGGM-13)
0126 K63BR 63 NM 147 (Tucumcari KENW- 3)
2 tr 0830 Dallas 21,39
0836 KNEB 33 TX 368 (w/ Spanish prog.)
4 tr 0813 KEDT 16 TX 505
0815 KWEX 41 TX 380
0818 Austin 18,24,36
0820 Houston 26,39
0824 D-FW 21,27,33,39
0834 KLTst24 LA
Es 1942-2002 unid 2 s (XEW network)
5 Es 0932 XEWO 2 JAL 840
9 tr 0010 K74DO 74 NM 123
0123 K12FM 12 TX 184 (CB, with KMID-2 off)
2345 K12FM 12 TX 184 (CB, w/ KMID-2 off, on all the time?, list 10w, prob. 100)
10 tr 0810 Austin 18,24,36
0815 Dallas 13,21,27,33,39 (above snw fr)
0820 KNCT 46 TX 368
12 tr 0755 KSWot 7 TX
0800 D-FW 13, U's 368 (U's snow free)
0801 Houston 26 good, 39, CCI, w/ KXTX
0802 WGNt26 LA
0806 KAMUT15 TX PBS
0807 WMAUT17 MS PBS
0817 KLTst24 LA PBS (PBS's - dif. progs)
0820 Austin 18,24,36
0845 unid 7 KPLC/
KLTV? NBC/CST

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

Deadline: 6-4-82

Western TV DX

Translator loggings on 3-18, channels 53 and 61 have channel 9 inputs and were rebroadcasting WGN-9 (off air reception). I called KWTW-9 (they were off at the time) and they haven't any translators on those channels. Other Oklahoma translators in. Nothing in the Texas panhandle either. Told the KWTW engineer (Todd) that call letters were too small on TP. He said that's the new logo and agreed they were small, but couldn't do anything about it. WGN-9 programming per KWTW's Todd- had TV Guide listing. 53 and 61 had Mike Douglas show with Carol Burnett as guest - could be another channel 9.

The Mexican channel 34 was on all night with good signals - feeding XEW. Allocations in Ciudad Acuna (across from Del Rio, Texas) and Monterrey - need help on this one.

3-18 was a hectic all night session, but very rewarding. Actually started late on 3-17. Fog and high humidity all the way to the gulf coast and into Oklahoma. Most all stations were snow free or close to it at varying times, except ID time - of course! I'm not used to so much tropo at one time, but I'll take it anytime.

Lowered the tower to about 50' for the summer (on 3-16). A lot of thunder storms around here. Until next report - best of DX, Jim (When identifying translators, keep in mind that the input of the translator is not necessarily the same as the primary station's channel since some translators relay other translators. fm)

James J. Stiles, GFAO/NAPK, Box SU/LR ADP, FPO Seattle, WA 98770 (Okinawa) JST

2-23-82 - Heard VS6SIX, Hong Kong calling CQ in CW on 50.070 from 2300-2400. Saw several unid channel 2 TV stations.

2-28-82 - Heard KG6JDX, Guam, in SSB QSO with mainland Japan stations on 50.110 from 2200-2230. Heard VS6SIX, same as 2-23. Heard VK4ZYX, 52.062 SSB and VK8VK, 52.295 SSB calling mainland Japan stations between 2230 and 2300. During this time period, Chinese music was heard in AM on 51.610 with Chinese speech, but no ID. Also in AM, Australian Broadcasting Company relay of audio channel heard briefly on 51.950. By 2315, YD1CS, Indonesia, was heard on 50.175 in SSB QSO with mainland Japan. Numerous unid channel 2 and 3 TV stations were observed. Co-channel interference and incompatible transmission mode (system B) made ID difficult.

3-1-82 - Heard VS6SIX on 50.070 calling CQ CW and saw several system B channel 2 stations.

3-3-82 - Saw unid system B stations on channel 2 from 2300-2400.

3-13-82 - At 2245 got clear video ID of Bangkok, Thailand channel E3 station on channel 2 (55-60 MHz). ID slide had Thai lettering and number 3 in a circle. At 2300, got ID of DWWX, channel A2, Philippines. Call sign appeared along bottom of screen. Video signals were exceptionally strong this evening, but no 6 meter activity was heard.

3-14-82 - Between 2200-2400, heard VK8BQ in QSO with VK92YX on 52.045 SSB, heard a SSB QSO between a JA2 and VK8 station on 52.040, and heard VS6SIX calling CQ on 50.070 CW. Additionally, an AFRTS audio channel relay was heard on 51.995 AM. This point to point relay probably is located on mainland Japan and serves the Far East Network there. During this time period, many unid TV stations on channel 2 were seen.

3-15-82 - Between 2130-2200, heard KG6DX and VS6SIX (Guam and Hong Kong) on 6 meters. Weak unid channel 2 TV stations were seen.

3-17-82 - At 2200, heard KG6DX and another Guam station on 6 meters.

3-20-82 - Between 2130 and 2200, VK8ZRX, 52.055, and VK4AFG, 52.005, were heard in SSB QSO's with mainland Japan stations. VK7EVF was calling CQ CW on 52.195. Several unid Australian TV stations were seen on channel 2. After 0030, 3-21, strong system B TV signal observed on channel 2 (ch E3). Using a Radio Shack separate tuner for TV audio, I monitored the audio portion of the signal. Broadcast was in several oriental languages, but some commercials were in English. At 0200, station ID was given and transmitter location of Sipitang, Sabah (Malaysia), then transmission ended. This is in accord with WRTVH 1982 listing for station showing 1700 GMT sign-off.

3-22-82 - After 2230, strong video signals observed on channel 2 and weaker signals on channel 3. Using audio tuner as above, the Sabah, Malaysia station was ID'ed as channel E3 (audio 60.75). At 62.75, channel 1, Australian TV audio was heard briefly with local and international news. The newscaster's accent was quite prominent. Sign-off followed the news.

*unid 34, SS music program, @ 2340 discussion, XEW net, ID @ 0005.

The following were seen with ID'd 3/4 CB early on 3-18: KLTV-7, KWTW-9, KMTT-12, KFDX-3, KOKH-25, KIDZ-24 (w/KERA ID), KOKI-23, KGMC-34.

(continued)

MODIFYING THE FINCO P-7 PARABOLIC DISH

BY STEVE WEST

I have been experimenting with my 7 foot Finco UHF dish. I would like to share my ideas--and results--on screening the dish. It works well, especially on the higher channels above ch 40. The results of the modifications showed a noticeable improvement on scatter signals, especially on the highest channels.

I have $\frac{1}{2}$ -inch hardware cloth on the dish. Hardware cloth seems to be a practical compromise in wind load vs. performance. 3 square feet of hardware cloth bought at a True Value hardware store cost \$1.49 (36" by 12"). To cover the entire dish, you need about 40 square feet. Ice loading is incredible on the cloth; I would not recommend this for winter use.

It seems like the winter winds have gone now, but in practice, the dish needs a lot of "beefing up" to withstand the swaying back and forth. I don't recommend this operation on a hard to reach tower, because a few minor adjustments may be needed.

I got tired of climbing the roof when something would get out of alignment or start wearing out, especially where the top half pivots. Maybe someone else has the determination to make the idea more practical; the results of reception are good.

Here are the modifications done:

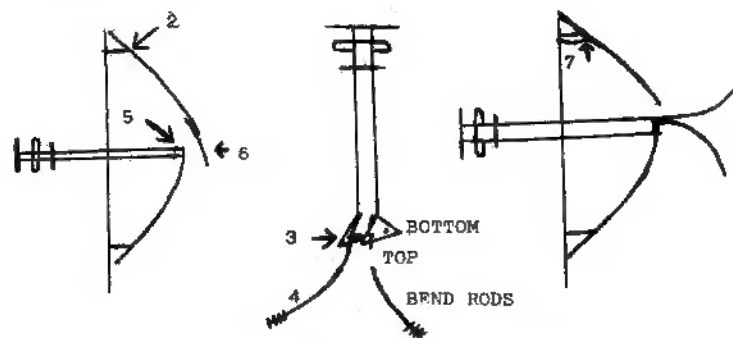
- 1.) Screen the top half of the dish by using grounding wire like a twist tie on a loaf of bread. The screen is placed in front of the reflector elements and then tied by looping the wire through the screen and tying it back to the reflector elements.
- 2.) Remove the rivet at the top of the dish where it connects to the U bolt and mini boom; attach a bolt there.
- 3.) Disconnect the bolt on the feed boom that attaches to the top half of the dish.
- 4.) Using the same bolt and two extra nuts, connect two ends of a rod of the type used for screen doors (these two rods are normally connected together by reverse threads and tighten on the door).

MODIFYING THE FINCO P-7 PARABOLIC DISH

- 5.) Tie a rag on the bolt for a shock absorber.
- 6.) Tape a rod or old antenna element on the lower part of the top half of the dish (this helps to guide the dish back to normal position).
- 7.) Optional: tie a safety wire from U bolt to upper part of the dish (I used ground wire).

To screen the bottom half of the dish, repeat the process.

My suggestion is to aim the dish toward the wind so that the antenna can sway back easier.



Examples of the improvement are WBFF-45 (1.5 MegaWatts) and WMPB-67 (.65 MegaWatt), both in Baltimore (100 miles), and WDCA-20 (4 MegaWatts) in Washington, DC (130 miles).

Ground wave conditions before the modification were ch 20 strongest, then ch 45, and ch 67 weakest.

Ground wave conditions now show ch 67 strongest, then ch 20, and ch 45 weakest. Both sets of results were with a Winegard AC-4990 pre-amplifier. All scatter signals are stronger now.

The antenna has survived a few Siberian blasts. The dish withstood the winds fine, but started developing structure problems.

Steve West
432 Kenmore Road
Havertown, PA 19083

If you'd like to modify your UHF dish as Steve describes above, keep in mind his warning about the wind. The wind loading characteristics of a standard unmodified dish are huge to begin with. Parabolic dish manufacturers do not recommend that anyone try screening the reflector, but do admit that such modifications greatly improve the performance of a dish. How much improvement? Well, you can expect about 3 dB of increased forward gain--very significant, and very useful on weak scatter-level signals. The really amazing result may be the increase in front-to-back ratio; such a modification can bring it up to a whopping 40 to 50 dB!

TEN YEARS AGO

The VHF-UHF DIGEST was first published in late 1967, in mimeographed form. The VUD as we know it today, in photo-offset printed magazine style, got its start in May, 1972.

Many members of WTFDA probably don't remember back to those days; but to those of you who have been with us for the past decade, it will seem like time has passed very fast indeed!

At right is the cover of the May 1972 VUD, something of a collector's item now. This first offset VUD ran 40 pages, and represented a quantum leap in improvement over previous efforts—a much cleaner and more readable "book" for WTFDAers.

The May 1972 VUD featured some TV DX photos, and many of the same DX report columns as can be seen in the VUD today. Remember these DXers? Dennis Smith edited WESTERN TV DX. Dave Pomeroy handled EASTERN TV DX. Roger Brown was CENTRAL TV DX editor. SOUTHERN FM DX was prepared by renowned DXpert Dr. Richard Wood. Roger Winsor was NORTHERN FM DX's conductor, and Pat Dyer was already in his third year as VHF RADIO DX (later to become VHF UTILITY DX) editor.

Many things have changed over the years, but the VUD is still the only monthly DX publication for FM and TV DX enthusiasts in North America. We owe a lot to Morrie Goldman and Gary Olson for carrying us through the early days of offset publishing of the VUD. Many others, too numerous to mention right now, have been instrumental in maintaining our quality.

VHF-UHF DIGEST

May

**SEMI-
PICTURE
TOWER**

NEW 2,000 FOOT TOWER!

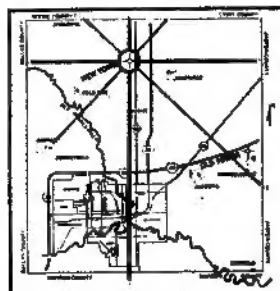
On Monday, January 24, three of your television stations
KDN-TV Channel 11
WHD-TV Channel 13
WCH-TV Channel 6

Images transmitted from one of the world's tallest television towers
transmit 15 miles directly north of New Mexico, and are also received
out country; better picture signals than ever before!



**WHO-TV
COLOR 13**

**KDN-TV
11**



come to the 1982 WTFDA CONVENTION staten island, ny JULY 30-AUG. 1

Don't miss the 1982 WTFDA Convention! This year's club gettogether will be held for the first time in the New York City metro area, on Staten Island, hosted by a DXer who's well-known to longtime WTFDAers as both an avid VHF-UHF DX enthusiast and amateur radio operator: Jerry Pulice, WB2CPA.

As part of New York City, the attractions and restaurants are unlimited in number. Virtually all transportation modes are available into the New York City area, and naturally, it's an easy place to reach from all of the United States and Canada. Closest major domestic airport is Newark International, just several minutes away in New Jersey. In all, the N.Y.C. area is served by three airports and several bus terminals, as well as Amtrak.

Also, public transportation is available and if necessary, volunteers can pick up those arriving at any of the area's terminals. If you arrive in Manhattan, you can even ride the famous Staten Island Ferry!

This year's convention will be held at the Conca del Oro Motel, 2232 Forest Avenue, Staten Island, NY (212) 448-2211. We'll have more info on room rates in an upcoming issue. Tentative plans are for a large meeting room for the main part of the convention program, to include demonstrations and lectures, slide shows, etc.

Watch for a convention registration form in the next VUD. Depending on the final program (still being planned), we anticipate a registration fee in the \$18 to \$22 range. Motel room rates start at about \$39/night for two per room, \$5 each additional person—more on that next month. These are the dates to remember: Friday, July 30th, to Sunday, August 1.

Make this your summer vacation destination! If you've never been to a WTFDA convention before, you'll be in for a really great time, as you get to meet your fellow VHF-UHF TV and FM DX enthusiasts, PSB DXers, QSL collectors, and so on. It's a rare opportunity to meet and chat with fellow DXers, look at DX photos, view and listen to tapes, and get a look at some state-of-the-art DX accessories, as well as the latest technical literature.

For more info on the convention, be watching upcoming issues. Your host:

Jerry Pulice - 3201 Richmond Road - Staten Island, NY 10306 (212) 979-3577